

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE _____ PAGE 1 OF 1 PAGES

2. AMENDMENT/MODIFICATION NO. 0002 3. EFFECTIVE DATE 6/7/00 4. REQUISITION/PURCHASE REQ. NO. _____ 5. PROJECT NO. (If applicable) _____

6. ISSUED BY _____ CODE _____ 7. ADMINISTERED BY (If other than Item 6) _____ CODE _____
 USACE, PHILADELPHIA (CENAP-CT-C)
 POC: MICHELLE BERTOLINE
 WANAMAKER BUILDING, 100 PENN SQUARE EAST
 PHILADELPHIA, PENNSYLVANA 19107-3390

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) _____
 9A. AMENDMENT OF SOLICITATION NO. DACW61-00-B-0012
 9B. DATED (SEE ITEM 11) 9 MAY 2000
 10A. MODIFICATION OF CONTRACTS/ORDER NO. _____
 10B. DATED (SEE ITEM 13) _____
 CODE _____ FACILITY CODE _____

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
 MAINTENANCE DREDGING, DELAWARE RIVER, PHILADELPHIA TO THE SEA

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF _____.
- D. OTHER (Specify type of modification and authority) _____.

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

THIS AMENDMENT DOES NOT EXTEND THE BID OPENING DATE OF 22 JUNE 2000 AT 11:00 A.M.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) _____ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) _____
 15B. CONTRACTOR/OFFEROR _____ 15C. DATE SIGNED _____ 16B. UNITED STATES OF AMERICA _____ 16C. DATE SIGNED _____
 (Signature of person authorized to sign) _____ BY _____ (Signature of Contracting Officer)

14. DESCRIPTION OF AMENDMENT

a. GENERAL: The asterisks shown on the amended pages of the specifications depict locations where previous information has been deleted, with the exception of those added to the "CAUTION TO BIDDERS" sheet.

b. SPECIFICATIONS:

(1) Please delete the cover sheet and substitute the new cover sheet attached hereto.

(2) Please delete the "CAUTION TO BIDDERS" and the Invitation page and substitute the new "CAUTION TO BIDDERS" and Invitation pages, annotated Amendment No. 0002 and attached hereto.

(3) SF1442 (pages 00010-1 and -2): Please delete "with Options for Deepening" from the project title.

(4) SECTION 00010: Please delete pages 00010-3 and 00010-4 and substitute new pages 00010-3 and 00010-4, annotated Amendment No. 0002 and attached hereto.

(5) SECTION 00100: Please delete Clause 52.217-5 "Evaluation of Options."

(6) SECTION 00700: Please delete Clause 52.217-7 "Option for Increased Quantity-Separately Priced Line Item."

(7) SECTION 00800: Please delete pages 00800-2, -4, -5, -6, -9 and -10 and substitute new pages 00800-2, -4, -5, -6, -9 and -10, annotated Amendment No. 0002 and attached hereto.

(8) SECTION 00815: Please delete pages 00815-13 through 00815-35, and 00815-46 through 00815-55 and substitute new pages 00815-13 through 00815-35, and 00815-46 through 00815-55, annotated Amendment No. 0002 and attached hereto.

(9) SECTION 00850: Please delete pages 00850-1 through 00850-7 and substitute new pages 00850-1 through 00850-6, annotated Amendment No. 0002 and attached hereto.

(10) Please delete the Project Table of Contents (page following Page 00855-7) and substitute new Project Table of Contents, annotated Amendment No. 0002 and attached hereto.

(11) SECTION 01430: Please delete page 01430-5 and substitute new page 01430-5, annotated Amendment No. 0002 and attached hereto.

(12) SECTION 02880: Please delete pages 02880-2 through 02880-4 and 02880-11 through 02880-16 and substitute new pages 02880-2 through

02880-4 and 02880-11 through 02880-16, annotated Amendment No. 0002 and attached hereto.

c. DRAWINGS:

Please delete the cover sheet and drawings numbered 58522, 58523, 58524 and 58530 and substitute new cover sheet and drawings numbered 58522, 58523, 58524 and 58530 with the latest revision date of 7 June 2000, attached hereto. Also delete all reference drawings from the package (Sheets 58759 through 58763).

d. Please indicate receipt of this amendment on Standard Form 1442 (SOLICITATION, OFFER, AND AWARD) as Amendment No. 0002. Failure to acknowledge all amendments may be cause for rejection of the bid.



**US Army Corps
of Engineers**
Philadelphia District

Maintenance Dredging

*

**Delaware River
Philadelphia to the Sea
PA, NJ and DE**

Construction Solicitation and Specifications

09 May 2000

CAUTION TO BIDDERS

All information required by the terms of the Solicitation must be furnished. **MISTAKES OR OMISSIONS CAN BE COSTLY.** Important items for you to check are included in but not limited to those listed below. This checklist is furnished only to assist you in submitting a proper bid. Check as you read.

* Are you registered in the Central Contractor Database? See DFARS Clause 252.204-7004 "REQUIRED CENTRAL CONTRACTOR REGISTRATION" in Section 00700 of this solicitation.*

Have you acknowledged all amendments? Have you submitted your bid on the latest amended bid schedule?

Have you completed the "Representations and Certifications" {Section 00600} portion of the Solicitation? Is your Contractor Establishment Code listed on the Standard Form 1442?

Is your bid properly signed by an officer of your company?

If a bid guarantee is required, is it included with your bid {A late bid guarantee is treated the same as a late bid.} and is it in the proper amount? {Usually 20 percent of the total bid price, including any options or additives.} If your bid guarantee is in the form of a bid bond, is the bond properly signed by both the bidder and surety and are all required seals affixed? A bid guarantee is required when your bid exceeds \$100,000.00.

Is the name in which you submitted the bid the same on your bid as on the bid bond?

If required, have you entered a unit price for each bid item? {The solicitation will specifically state when this is necessary.}

The Government may reject a bid as nonresponsive if it is materially and mathematically unbalanced as to price for any bid item or combination of items. A bid is unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated for other work.

Are decimals in unit prices in the proper places? Are your figures legible?

Are the extensions of your unit prices, and your total bid price correct?

Are all erasures or corrections initialed by the person signing the bid?

Have you restricted your bid by altering the provisions of the solicitation?

If you are a large business and your bid is greater than \$1,000,000.00 have you included your Sub-Contracting Plan in your bid package? {NOTE: AN AWARD WILL NOT BE MADE WITHOUT AN APPROVED SUB-CONTRACTING PLAN. IN ORDER TO BE APPROVED YOUR PLAN MUST DESIGNATE 5% OF THE TOTAL SUB-CONTRACTING DOLLARS TO SMALL DISADVANTAGED BUSINESSES}.

Is the envelope containing your bid properly identified that it is a sealed bid and does it contain the correct solicitation number and bid opening time?

Will your bid arrive on time? See paragraph entitled "Late Submissions, Modifications, and Withdrawals of Bids" in the Instructions to Bidders {Section 00100} of the solicitation.

July 02, 1998

INVITATION NO. DACW61-00-B-0012

PHILADELPHIA DISTRICT
CORPS OF ENGINEERS

INVITATION FOR BIDS
FOR

MAINTENANCE DREDGING
*

DELAWARE RIVER, PHILADELPHIA TO THE SEA
PA, NJ & DE

I. NOTE THE AFFIRMATIVE ACTION REQUIREMENT OF THE EQUAL OPPORTUNITY CLAUSE WHICH MAY APPLY TO THE CONTRACT RESULTING FROM THIS SOLICITATION.

II. BIDDERS ARE REQUIRED TO COMPLETE THE REPRESENTATION AND CERTIFICATIONS PORTION OF SECTION 00600 OF THIS SOLICITATION AND SUBMIT THIS WITH THEIR BID.

9 May 2000

BIDDING SCHEDULE
 (To be attached to SF 1442)

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
1.	Mobilization and Demobilization for Delaware River Dredging	1	Job	L.S.	\$
2.	Mobilization and Demobilization Between Work Assignments (Dredge Movement and Pipeline Relocation)	3	Ea.	\$	\$
3.	Removal & Satisfactory Disposal of Material from Delaware River Channel	3,025,000	C.Y.	\$	\$
4.	Sea Turtle and Sturgeon Modifications and Whale Monitoring (If a Hopper Dredge is not to be used, enter \$0)	1	Job	L.S.	\$
	Adjustment in bid price if Contractor-furnished disposal areas, described as hereinafter specified, are used	1	Job	L.S.	\$
TOTAL ESTIMATED AMOUNT					\$ _____

Note: Bidders must bid on all items.

ACCEPTANCE OF CONTRACTOR-FURNISHED DISPOSAL AREAS

Award of the contract on the basis of using Contractor-furnished disposal areas will be subject to the acceptance of the proposed Contractor-furnished disposal areas by the Contracting Officer. The Contractor shall be required to obtain all applicable Federal and State approvals as specified in SECTION 01040: COORDINATION FOR CONTRACTOR FURNISHED DISPOSAL AREAS of the Specifications. Failure by the bidder to furnish these approvals with the bid at the time of the bid opening will result in the bid being rejected as being non-responsive.

(Continued)

If the bid is based on the use of Contractor-furnished areas, the bidder shall execute DESCRIPTION OF DISPOSAL AREAS form, complete in accordance with the notations thereon, and shall submit the form with the bid. A copy of the form can be found at the end of specification Section 01040. The bid shall adequately describe such Contractor furnished areas and shall be accompanied by the written permission of the landowners. Description of Contractor furnished areas shall include location, size, and capacity of each area. If the bidder proposes to use both the Government furnished areas shown on the contract drawings and Contractor-furnished areas, he shall describe in his bid the portion or portions of all the areas, which will be used, and the estimated quantity of dredged material to be placed in each area.

SPECIAL CLAUSES

SC-1 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK

The Contractor shall be required to (a) commence actual dredging under this contract within 15 calendar days after the date of receipt by him of notice to proceed, which will be issued between 13 July and 31 August 2000, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than 31 December 2000. The time stated for completion shall include final cleanup of the premises. *

SC-2 LIQUIDATED DAMAGES - CONSTRUCTION (APR 1984)

a. If the Contractor fails to complete the work within the time fixed for each work assignment, or any extensions thereof, the Contractor shall pay to the Government as liquidated damages, the sum of \$950.00 for each day of delay.

b. If the Government terminates the Contractor's right to proceed, the resulting damage will consist of liquidated damages until such reasonable time as may be required for final completion of the work together with any increased costs occasioned the Government in completing the work.

c. If the Government does not terminate the Contractor's right to proceed, the resulting damage will consist of liquidated damages until the work is completed or accepted. (FAR 52.211-0012)

SC-3 CONTINUING CONTRACTS (MAR 1995-EFARS)

a. This is a continuing contract, as authorized by Section 10 of the River and Harbor Act of September 22, 1922 (33 U.S. Code 621). The payment of some portion of the contract price is dependent upon reservations of funds from future appropriations, and from future contribution to the project having one or more non-federal project sponsors. The responsibilities of the Government are limited by this clause notwithstanding any contrary provision of the "Payments to Contractor" clause or any other clause of this contract.

b. The sum of \$200,000 has been reserved for this contract and is available for payments to the Contractor during the current fiscal year. It is expected that Congress will make appropriations for future fiscal years from which additional funds together with funds provided by one or more non-federal project sponsors will be reserved for this contract.

c. Failure to make payments in excess of the amount currently reserved, or that may be reserved from time to time, shall not entitle the Contractor to a price adjustment under the terms of this contract except as specifically provided in paragraphs f and i below. No such failure shall constitute a breach of this contract, except that this provision shall not bar a breach-of-contract action if an amount finally determined to be due as a

- (2) Compare all drawings and verify the figures before laying out the work;
- (3) Promptly notify the Contracting Officer of any discrepancies, and;
- (4) Be responsible for any errors which might have been avoided by complying with this paragraph (a).

b. Large scale drawings shall, in general, govern small scale drawings. Figures marked on drawings shall, in general, be followed in preference to scale measurements.

c. Omissions from the drawings or specifications or the misdescription of details of work which are manifestly necessary to carry out the intent of the drawings and specifications, or which are customarily performed, shall not relieve the contractor from performing such omitted or misdescribed details of the work, but shall be performed as if fully and correctly set forth and described in the drawings and specifications.

d. The work shall conform to the specifications and the contract drawings identified on the following, all of which are on file in the office of the District Engineer, U.S. Army Engineer District, Philadelphia, Room 643, Wanamaker Building, 100 Penn Square East, Philadelphia, PA 19107. Drawings are titled: "Maintenance Dredging *, Delaware River, Philadelphia to the Sea, PA, NJ & DE" and have the following drawing numbers, subtitles, and dates.

Drawing No.	Subtitle	Date	Latest Revision Date
58522	General Plan & List of Drawings	07 June 00	None
58523	General Plan	07 June 00	None
58524	Oldmans Disposal Area	07 June 00	None
58525	Pedricktown South Disposal Area	09 May 00	None
58526	Pedricktown South Disposal Area	09 May 00	None
58527	Killcohook Disposal Area	09 May 00	None
58528	Killcohook Disposal Area	09 May 00	None
58529	Killcohook Disposal Area	09 May 00	None
58530	Killcohook Disposal Area	07 June 00	None

*

SC-5 PHYSICAL DATA (APR 1984)

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor. (FAR 52.236-4)

a. The indications of physical conditions on the drawings and in the specifications are the result of site investigations by surveys. Samples of material to be dredged were obtained by using harpoon and bottle samplers.

b. Tide Data. Tide tables and tidal current tables for the Delaware River may be obtained from the National Ocean Service, Distribution Division, 6501 Lafayette Avenue, Riverdale, MD 20840. The channel depths specified herein and shown on the drawings are referenced to mean low water.

c. Weather Conditions. The site of the work varies from sheltered to

exposed conditions. It is believed that work can be performed during all seasons of the year except during winter months when ice conditions may interfere with dredging operations, subject to the seasonal time restrictions specified in Section 02880 DREDGING.

d. Channel Traffic. Traffic in the work area consists of ocean going and coastwise vessels, tugs and barges, and pleasure craft. Passing vessels may interfere with dredging operations.

e. Conditions of Channel. The channel was previously dredged to varying depths. The following records are available for inspection by prospective bidders in the Office of the District Engineer, U.S. Army Engineer District, Wanamaker Building, 100 Penn Square East, Philadelphia, PA 19107-3390:

- (1) Soundings after dredging, most recent dredging.
- (2) Examinations and soundings before dredging, most recent dredging.
- (3) Examinations and soundings (before and after dredging) for 1982 through **1998** for all dredging locations.
- (4) Records of sampling, most recent investigation.
- (5) NADP Form 27, Report of Hopper Dredge Operation (most recent dredging).
- (6) Marcus Hook and New Castle Ranges: The Government has in the past experienced significant shoaling during dredging. The Contractor is cautioned to evaluate for himself the effect of bottom changes between before-dredging surveys and the completion of the work assignment. The record of after-dredging surveys for contracts which included unclassified excavation, including drilling and blasting before excavation, are available for inspection.

f. Obstruction of Channel. The Government will not undertake to keep the channel free from vessels or other obstructions, except to the extent of such regulations if any, as may be prescribed by the Secretary of the Army, in accordance with the provisions of Section 7 of the River and Harbor Act approved 8 August 1917. The Contractor will be required to conduct the work in such manner as to obstruct navigation as little as possible, and in case the Contractor's plant so obstructs the channel as to make difficult or endanger the passage of vessels, said plant shall be promptly moved on the approach of any vessel to such an extent as may be necessary to afford a practicable passage. The Contractor shall request the U.S. Coast Guard to issue a Notice to Mariners for each work assignment advising navigation interests that the Contractor's dredging plant will be operating in the work assignment waterway. The Contractor shall submit each such request to the U.S. Coast Guard, MSO/Group Philadelphia, 1 Washington Avenue, Philadelphia, PA 19106 for Delaware River work assignments. The Contractor shall furnish a copy of each request to the Contracting Officer not less than five days prior to the start of dredging in each work assignment area. Each request shall contain the approximate time required for completion of dredging in the work assignment area. The Contractor shall also notify the U.S. Coast Guard prior to the movement of his dredge plant from one acceptance section to another on the opposite side of the channel. Upon completion of dredging in a work assignment area, the Contractor shall promptly remove his plant, including ranges, buoys, piles and other marks placed by him under the contract in navigable waters and on shore.

g. Navigation Aids. The Contractor shall not relocate or move any aids to navigation that have been established by the U. S. Coast Guard. If it becomes necessary to have any aid to navigation moved in order to complete dredging operations under this contract, the Contractor shall notify the U.S. Coast Guard at least 30 days prior to the desired date for movement of the aid. All requests shall be made in writing to: Commander (OAN), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704. A copy of each request shall be furnished to the Contracting Officer.

h. Location. The potential work assignment areas are at various locations in the Delaware River between Stations 117+000 and **237+000**. The Contracting Officer reserves the right to issue additional work assignments between stations 28+400 and 117+000 in the Delaware River project channel. Should additional work assignments be issued, the Government will make available appropriate disposal area locations.

i. Laying of Submerged Pipelines and Obstruction of Channel. When the disposal area is on the opposite side of the navigation channel from the dredging area, a submerged pipeline shall be used to cross the channel. If the submerged line is to be placed across a navigable channel, the Contractor shall submit a request for approval, at least three working days (Sundays and holidays excluded) prior to the desired closure date, to the U.S. Coast Guard, MSO/Group Philadelphia, 1 Washington Avenue, Philadelphia, PA 19106 for the Delaware River and to Commander (OAN), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704 for the Chesapeake and Delaware Canal. A copy of each request containing the following information shall be submitted to the Contracting Officer:

- (1) Location (Channel Centerline Stationing) and depth (over the top of the pipeline) at which the submerged line will be placed;
- (2) The desired length of time the channel is to be closed;
- (3) The date and hour placement or removal will commence;
- (4) The date and hour of anticipated completion; and
- (5) The name and telephone number of the person to be contacted for information and response to any emergency condition.

The Coast Guard has indicated that the requirements of navigation may make it necessary to establish times other than those requested. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS PLANS WITH THE COAST GUARD SUFFICIENTLY IN ADVANCE OF THE PLANNED CLOSING TO PREVENT DELAY TO THE DREDGING OPERATIONS AND COMPLY WITH THE COAST GUARD REQUIREMENTS. The minimum depth to the top of any submerged pipe in the Delaware River shall not be less than 40 feet (MLLW) in the channel.

j. Bridge and Utility Line Crossings (Delaware River):

- (1) Bridges: The following bridges cross the Delaware River between Delaware Bay and Philadelphia, PA. The vertical clearances presented are above Mean High Water.

Just north of Ben Franklin Bridge from American Dredging Co. property in Camden, NJ to Pier 25 in Phila. PA	Submerged fiber optics cable (Lightnet Corp.)	Min. depth 10 ft below authorized Federal project depths
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The Contractor shall take all necessary precautions to prevent damage to these utilities. The Contractor shall cause timely notice of the dredging to be given to the owners and, when in the opinion of the Contractor such action is necessary, he shall request that the Government require said owner or owners to mark the pipelines or move the cables so as to avoid interference with the dredging operations. Any request made by the Contractor shall be within 30 days following his receipt of the Notice to Proceed.

k. Bridge to Bridge Radio Telephone Equipment. In order that radio telephone communication may be made with passing vessels, all dredges engaged in work under the contract shall be equipped with and operate bridge-to-bridge radio telephone equipment. The radio telephone equipment shall operate on VHF Channel 13 (156.65 MHz) with low power output having a communication range of approximately ten miles. The frequency has been approved by the Federal Communication Commission.

l. The Delaware River, Philadelphia to the Sea Project was last dredged under Contract No. DACW61-99-C-0014 by Weeks Marine, Incorporated.

m. Disposal Areas: The following Government-furnished disposal areas and any Government shore pipelines at these areas are available for use under this contract, subject to the restrictions below:

- (1) Pedricktown South
- (2) Killcohook Areas 1 and 2
- (3) Oldmans

All of the Government-furnished disposal areas designated above and any approved Contractor-furnished areas may be utilized for material dredged *.
*

Drawings showing disposal areas and pipelines are enclosed. Drawings are marked to indicate Contractor-owned discharge pipe limits within disposal areas, where applicable.

n. Abstracts of bottom samples can be found in specification Section 00850. Channel bottom samples are available in the project office at Fort Mifflin, Philadelphia, PA. The contractor shall contact Tom Groff of the Philadelphia District, telephone (215)656-6738, to arrange access to the samples.

o. Magnitude of the Contract Work. The estimated value of the contract **is between \$1,000,000 and \$5,000,000.**

SC-6 LAYOUT OF WORK (1965 APR OCE)

The Contractor shall lay out its work from Government-established survey **controls and** shall be responsible for all measurements in connection therewith. The Contractor shall furnish, at its own expense, such stakes, templates, platforms, equipment, range markers and labor as may be required in laying out any part of the work from the triangulation stations and bench marks established by the Government. The Contractor shall be responsible for the execution of the work to such lines and grades as may be established or indicated by the Contracting Officer. It shall be the responsibility of the Contractor to maintain and preserve all stakes and other marks established by the Contracting Officer until authorized to remove them. If such marks are destroyed by the Contractor or through his negligence, prior to their authorized removal, they may be replaced by the Contracting Officer at his discretion. The expense of replacement will be deducted from any amounts due, or to become due, the Contractor. (CENAP)

SC-7 PERFORMANCE OF WORK BY THE CONTRACTOR (APR 84)

The Contractor shall perform on the site, and with its own organization, work equivalent to at least forty (40) percent of the total amount of work to be performed under the contract. This percentage may be reduced by a supplemental agreement to this contract if, during performing the work, the Contractor requests a reduction and the Contracting Officer determines that the reduction would be to the advantage of the Government. (FAR 52.236-1)

SC-8 ENVIRONMENTAL LITIGATION (1974 NOV OCE)

a. If the performance of all or any part of the work is suspended, delayed, or interrupted due to an order of a court of competent jurisdiction as a result of environmental litigation, as defined below, the Contracting Officer, at the request of the Contractor, shall determine whether the order is due in any part to the acts or omissions of the Contractor or a Subcontractor at any tier not required by the terms of this contract. If it is determined that the order is not due in any part to acts or omissions of the Contractor or a Subcontractor at any tier other than as required by the terms of this contract, such suspension, delay, or interruption shall be considered as if ordered by the Contracting Officer in the administration of this contract under the terms of the SUSPENSION OF WORK clause of this contract. The period of such suspension, delay or interruption shall be considered unreasonable, and an adjustment shall be made for any increase in the cost of performance of this contract (excluding profit) as provided in that clause, subject to all the provisions thereof.

b. The term "environmental litigation", as used herein, means a lawsuit alleging that the work will have an adverse effect on the environment or that the Government has not duly considered, either substantively or procedurally, the effect of the work on the environment. (CENAP)

SC-9 SIGNAL LIGHTS

The Contractor shall display signal lights and conduct his operations in accordance with the General Regulations of the Coast Guard governing lights and day signals to be displayed by towing vessels with tows on which no signals can be displayed, vessels working on wrecks, dredges, and vessels

General Decision Number NJ000002

General Decision Number NJ000002 Superseded General Decision No. NJ990002

State: New Jersey
Construction Type:
BUILDING
HEAVY
HIGHWAY

County(ies):

ATLANTIC	CUMBERLAND	OCEAN
BURLINGTON	GLOUCESTER	SALEM
CAMDEN	MERCER	
CAPE MAY	MONMOUTH	

Building (excluding single family homes and apartments up to and including 4 stories), Heavy (does not include the counties of BURLINGTON, CAMDEN, GLOUCESTER, AND SALEM) Highway Construction Projects.

Modification Number	Publication Date
0	02/11/2000
1	03/10/2000
2	05/05/2000

COUNTY(ies):

ATLANTIC	CUMBERLAND	OCEAN
BURLINGTON	GLOUCESTER	SALEM
CAMDEN	MERCER	
CAPE MAY	MONMOUTH	

ASBE0014C 05/01/1999

	Rates	Fringes
BURLINGTON (townships of Edgewater Park, Lumberton, Sampton, Shamong, Tabernacle, Westhampton, & Willingboro), CAMDEN, & GLOUCESTER COUNTIES: ASBESTOS WORKERS/INSULATORS (includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems. Also the application of firestopping material, openings and penetrations in walls, floors, ceilings, curtain walls and all lead abatement).	26.99	13.32

ASBE0042B 07/15/1999

	Rates	Fringes
SALEM COUNTY: ASBESTOS WORKERS	23.99	9.89

ASBE0085A 06/01/1994

	Rates	Fringes
ASBESTOS WORKERS/INSULATORS Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems		

ZONE 1	20.20	6.35
ZONE 2	18.30	6.825

ASBESTOS WORKERS ZONE DEFINITIONS

ZONE 1: ATLANTIC, BURLINGTON (Bass River and Washington Twps.); CAPE MAY, CUMBERLAND AND OCEAN (Eaglewood, Lacy, Little Egg Harbor, Long Beach, Ocean, Stafford, Tuckerton, and Union Twps.) COUNTIES.
 ZONE 2: MONMOUTH (Remainder of County)

ASBE0089G 07/01/1999

	Rates	Fringes
BURLINGTON (includes the townships of Bordentown, Burlington, Chesterfield, Easthampton, Florence, Mansfield, Mount Holly, New Hanover, North Hanover, Pembereton, Roebling, Springfield, Wrightstown, & Woodland); MERCER COUNTY; MONMOUTH (includes the townships of Allentown, Blansingburg, Brielle, Englishtown, Farmingdale, Freehold, Howell, Manasquan, Millstone, Roosevelt, Sea Crit, South Belmar, Spring Lake Heights, Upper Freehold, Wall, & West Belmar); & OCEAN (includes the townships of Beachwood, Berkeley, Breton Woods, Brick, Cederwood Park, Dover, Gillford Park, Island Beach, Island Heights, Jackson, Lakehurst, Lakewood, Manchester, New Egypt, Ocean Gate, Pine Beach, Plumstead, South Toms River & Toms River) COUNTIES:		

ASBESTOS WORKERS/INSULATORS

Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems

	26.89	14.46
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BOIL0028C 08/01/1998

	Rates	Fringes
BOILERMAKERS	30.23	40%+4.08

BRNJ0005A 11/01/1998

	Rates	Fringes
BRICKLAYERS, STONEMASONS, MARBLE MASONS, CEMENT MASONS, (Excludes Building Construction for Mercer County), PLASTERERS, TILE LAYERS, & TERRAZZO WORKERS	26.25	11.95

CARP0031B 05/01/1997

	Rates	Fringes
MERCER COUNTY (Remainder)		
CARPENTERS & INSULATORS	26.28	12.34
MILLWRIGHTS	26.28	12.34

CARP0454B 07/01/1999

	Rates	Fringes
DOCK BUILDERS & PILEDRIVERMEN	25.00	15.79+A

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Presidential Election Day, and Thanksgiving Day; provided employee works any of the 3 days in the 5-day work week preceeding the holiday and the first work day after the holiday.

CARP0623A	05/01/1998	
	Rates	Fringes
ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER AND SALEM COUNTIES		
CARPENTERS, INSULATORS, MILLWRIGHTS AND SOFT FLOOR LAYERS		
	27.14	42%+.15

CARP0781A	05/01/1997	
	Rates	Fringes
MERCER COUNTY (Beginning from the present Post Office in Lawrenceville to a point Northward through the present "Radio Site" to the junction of Rosedale Road and Read's Mill Road to the junction of Pennington and Mount Rose Road to the Somerset County line, again starting at the present Post Office in Lawrenceville and Eastward to the junction of Brunswick Pike and Delaware and Raritan Canal Bridge taking the center of the Road to CLarksville then South on Providence Line Road to the Pennsylvania Railroad then East on Dutch Neck North to Grover's Mills to the Middlesex County Line)		
CARPENTERS	27.20	.155+38%
MILLWRIGHTS	27.70	.155+38%

CARP0999B	12/03/1994	
	Rates	Fringes
CAMDEN, GLOUCESTER AND SALEM COUNTIES		
TERRAZZO FINISHERS		
	12.93	5.05

CARP0999C	12/03/1994	
	Rates	Fringes
ATLANTIC AND MONMOUTH COUNTIES:		
TILE FINISHERS		
	8.45	13%

CARP0999D	12/03/1994	
	Rates	Fringes
CAMDEN, GLOUCESTER AND SALEM COUNTIES		
TILE FINISHERS		
	12.72	5.05

CARP0999E	12/03/1994	
	Rates	Fringes
CAMDEN, GLOUCESTER AND SALEM COUNTIES		
MARBLE FINISHERS		
	12.95	5.05

CARP1456G	07/01/1995	
	Rates	Fringes
DIVERS		
	34.05	17.20
DIVER TENDERS		
	25.56	17.20

CARP1456H	07/01/1995	
	Rates	Fringes
MERCER AND MONMOUTH COUNTIES		
DOCK BUILDERS & PILEDIVERMEN		
	27.98	17.20

CARP2018A	05/01/1999	
	Rates	Fringes
OCEAN COUNTY		
CARPENTERS		
	27.85	42%

MILLWRIGHTS	28.35	42%

CARP2212B 05/01/1999		
	Rates	Fringes
BURLINGTON, MERCER, MONMOUTH AND OCEAN COUNTIES SOFT FLOOR LAYERS	25.75	39.73%

CARP2250A 05/01/1998		
	Rates	Fringes
MONMOUTH COUNTY CARPENTERS	27.14	42%+.15
MILLWRIGHTS	27.64	42%+.15

ELEC0269D 10/01/1998		
	Rates	Fringes
BURLINGTON (Area North of a line following the West and South limits of Burlington Borough from the Delaware River in a Southeasterly direction to the Burlington - Mt Holly Road, South-Southeast along this Road to and including the Town of Mount Holly, East along the Pennsylvania Railroad to and including New Lisbon and continuing along the Pennsylvania Railroad to Ocean County Line), AND MERCER COUNTIES		
LINE CONSTRUCTION (EXCEPT RAILROAD WORK):		
Linemen, Cable Splicers, Truck Drivers, Equipment Operators and Technicians		
	30.34	5.75+29%
Groundmen and Winch Operators	24.27	5.75+29%

ELEC0269E 04/01/1999		
	Rates	Fringes
BURLINGTON COUNTY (Area North of a line following the West and South limits of Burlington Borough from the Delaware River in a Southeasterly direction to the Burlington - Mount Holly Road, South-Southeast along this road to and including the Town of Mount Holly, East along the Pennsylvania Railroad to and including New Lisbon and continuiong along the Pennsylvania Railroad to the Ocean County Line) AND MERCER COUNTIES		
ELECTRICIANS & CABLE SPLICERS	31.13	5.20+28%

ELEC0351A 04/05/1999		
	Rates	Fringes
ATLANTIC; BURLINGTON (Edgewater park, Delanco, Delran, Cinnaminson,Moorestown, Mount Laurel, Wilingsboro, Hainesport, Lumberton,Medford, Evesham Townships; and the portion of Shamong, Tabernacle, and Woodland Townships North of the Central Railroad of New Jersey Line; and the portion of Burlington, Westhampton, Easthampton, South Hampton and Pemberton Townships South of a line starting at the Delaware River and following the Southern boundary of Burlington Borough to the Burlington - Mount Holly Road, along this road to Mount Holly around but excluding Mount Holly to the Pennsylvania Railroad along the Pennsylvania Line through, but excluding, Pemberton, through but excluding New Lisbon to the Ocean County line and that portion south of the Central Railroad of New Jersey line running through Chatsworth); CAMDEN; CAPE MAY; CUMBERLAND; GLOUCESTER; and SALEM COUNTIES:		
ELECTRICIANS & CABLE SPLICERS	28.96	45.05%+,45

ELEC0351C 04/05/1999

	Rates	Fringes
ATLANTIC; BURLINGTON (Edgewater park, Delanco, Delran, Cinnaminson, Moorestown, Mount Laurel, Wilingsboro, Hainesport, Lumberton, Medford, Evesham Townships; and the portion of Shamong, Tabernacle, and Woodland Townships North of the Central Railroad of New Jersey Line; and the portion of Burlington, Westhampton, Easthampton, South Hampton and Pemberton Townships South of a line starting at the Delaware River and following the Southern boundary of Burlington Borough to the Burlington - Mount Holly Road, along this road to Mount Holly around but excluding Mount Holly to the Pennsylvania Railroad along the Pennsylvania Line through, but excluding, Pemberton, through but excluding New Lisbon to the Ocean County line and that portion south of the Central Railroad of New Jersey line running through Chatsworth); CAMDEN; CAPE MAY; CUMBERLAND; GLOUCESTER; and SALEM COUNTIES: LINEMAN, HEAVY EQUIPMENT OPERATOR, & CABLE SPLICERS		
	28.96	46.05%+.25
GROUNDMAN	24.62	46.05%+.25

ELEC0400A 06/01/1997

	Rates	Fringes
MONMOUTH AND OCEAN COUNTIES ELECTRICIANS & CABLE SPLICERS		
	28.96	5.90 + 18%

ELEC0400B 06/02/1997

	Rates	Fringes
MONMOUTH AND OCEAN COUNTIES LINE CONSTRUCTION (Excluding Railroad construction): Lineman, Equipment Operator, and Cable Splicer		
	28.96	18.75%+5.83
Groundman	27.01	18.75%+5.83

ELEC0999A 12/03/1994

	Rates	Fringes
BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER, MONMOUTH, OCEAN AND SALEM COUNTIES: LINE CONSTRUCTION (RAILROAD ONLY):		
Linemen	16.96	25%
Line Equipment Operator	16.20	25%
Groundman Winch Operator	13.07	25%
Groundman	11.06	25%
Dynamite Man	14.20	25%
Street Light Mechanic	12.97	25%
Line Equipment Mechanic	12.90	25%

ELEV0999A 12/03/1994

	Rates	Fringes
ELEVATOR MECHANICS	24.01	5.22+A

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day
- PAID VACATION: Employer contributes 4% of basic hourly rate as vacation pay credit for 5 years or more of service, and 2% for 6 months to 5 years of service.

ENGI0825B 07/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
BUILDING CONSTRUCTION PROJECTS; HEAVY;		
HIGHWAY; ROAD; STREET AND SEWER PROJECTS:		
GROUP 1	30.62	14.90+A+B
GROUP 2	29.03	14.90+A+B
GROUP 3	27.12	14.90+A+B
GROUP 4	25.49	14.90+A+B
GROUP 5	23.78	14.90+A+B
GROUP 6	32.34	14.90+A+B
POWER EQUIPMENT OPERATORS CLASSIFICATIONS		
GROUP 1: Autograde - Combination Subgrader; base metal spreader and 7 base trimmer (CMI and similar types); autograde placer, trimmer, spreader combination (CMI and similar types); autograde slipform paver (CMI and similar types); backhoe; central power plants (all types); concrete paving machines; cranes (all types, including overhead and straddle traveling type); cranes; gantry; derricks (land or floating); drillmaster, quarrymaster (down the hole drill) rotary drill; self propelled hydraulic drill; self-powered drill; dragline; elevator graders; front end loaders (5 yds. and over); gradalls; grader; raygo; locomotive (large); mucking machines; pavement and concrete breaker, i.e.; superhammer and hoe ram; pile driver; length of boom including length of leads, shall determine premium rate applicable; roadway surface grinder; scooper (loader and shovel); shovels; tree chopper with boom; trench machines.		
GROUP 2: "A" frame; backhoe (combination); boom attachment on loaders (rate based on size of bucket) not applicable to pipehook, boring and drilling machines; brush chopper; shredder and tree shredder; tree shearer; cableways; carryalls; concrete pump; concrete pumping system; pumpcrete and similar types; conveyors, 125 ft. and over; drill doctor including dust collector, maintenance); front end loaders (2 yds. but less than 5 yds.); graders (finisher); groove cutting machine (ride on type); header planer; hoists; (all types hoists, shall also include steam, gas, diesel, electric, air hydraulic, single and double drum, concrete brick shaf't caisson, snorkel roof, and/or any other similar type hoisting machines, portable or stationary, except Chicago boom type); hoists (Chicago boom type); hydraulic cranes, 10 tons and under, hydro-axle; jacks screw air hydraulic power operated unit or console type (not hand jack or pile load test type); log skidder; pans; pavers (all concrete; pumpcrete machines; squeezecrete and concrete pumping (regardless of size); scrapers; side booms; straddle carrier; ross and similar types; winch truck (hoisting).		
GROUP 3: Asphalt curbing machine; asphalt plant engineer; asphalt spreader; autograder tube finisher and texturing machine (CMI and similar types); autograde curercrete machine (CMI and similar types); autograde curb trimmer and sidewalk; shoulder; slipform (CMI and similar types); bar bending machines (power); batchers; batching plant and crusher on side; belt conveyor systems; boom type skimmer machines, bridge deck finisher; bulldozers (all); car dumpers (railroad); compressor and blower type units (used independently or mounted on dual purposes trucks, on job site or in conjunction with job site in loading and unloading of concrete, cement, fly ash, instancrete, or similar type materials); compressor (2 or 3) (battery); concrete		

finishing machines; concrete saws and cutters (ride on type); concrete spreaders; hetzel; rexomatic and similar types; concrete vibrators, conveyors; under 125 ft.; crushing machines; ditching machine; small (ditchwitch or similar type); dope pots (mechanical with or without pump); dumpsters elevator; fireman; fork lifts (economobile; lull and similar types of equipment); front end loaders (1 yd. and over but less than 2 yds.). generators (2 OR 3) in battery; giraffe grinders; graders and motor patrols; gunnite machines (excluding nozzle); hammer vibratory (in conjunction with generator); hoist (roof, tugger, aerial platform hoist and house cars); hoppers; hopper doors (power operated); ladders (motorized); laddervator; locomotive; dinky type; maintenance; utility man; mechanics; mixers (except paving mixers); motor patrols and graders; pavement breakers, small; self-propelled ride on type (also maintaining compressor or hydraulic unit); pavement breaker; truck mounted; pipe bending machine (power); roller; black top; scales; power; seaman pulverizing mixer; shoulder widener; silos; skimmer machines (boom type); steel cutting machine; services and maintaining tractors; tug captain; vibrating plants (used in conjunction with unloading); welder and repair mechanics, concrete cleaning/decontamination machine operator, directional boring machine, heavy equipment robotics operator/technician, master environmental maintenance technician, ultra high pressure waterjet cutting tool system operator/maintenance technician, vacuum blasting machine operator/maintenance technician.

GROUP 4: Brooms and sweepers, chippers, compressor (single), concrete spreaders (small type), conveyor loaders (not including elevator graders), engines, large diesel (1620 H.P.) and staging pump, farm tractors; fertilizing equipment (operation and maintenance) fine grade machine (small type); form line graders (small type); front loader (under 1 yd.); generator (single); grease, gas, fuel and oil supply trucks; heaters (nelson or other type including propane, natural gas or flow-type units); lights; portable generating light plants; mixers; concrete small; mulching equipment (operation and maintenance) pumps (4 inch suction and over including submersible pumps); pumps (2 or less than 4" suction and over including submersible pumps); pumps (diesel engine and hydraulic) immaterial of power road finishing machines (small type); rollers; grade; fill or stone base; seeding equipment (operation and maintenance of); sprinkler and water pump trucks steam jennies and boilers, stone spreader; tamping machines; vibrating ride-on; temporary heating plant (nelson or other type, including propane, natural gas or flow type untis); water and sprinkler trucks; welding machines (gas, diesel, and/or electric converters of Any type, single; two or three in a battery); welding systems, multiple (rectifier transformer type); wellpoint systems.

GROUP 5: Oiler.

GROUP 6: Helicopter Pilot.

FOOTNOTES:

- A. PAID HOLIDAYS: New Year's Day; Washington'd Birthday, Memorial Day; Independence Day; Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day
- B. Employee receives 20% Premium Pay for Hazardous Waste Work.

ENGI0825C 07/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS		
TANK ERECTION:		
GROUP 1	33.11	14.90+A+B
GROUP 2	32.27	14.90+A+B
GROUP 3	34.25	14.90+A+B
GROUP 4	30.18	14.90+A+B
GROUP 5	24.97	14.90+A+B

FOOTNOTES:

- A. PAID HOLIDAYS: New Year's Day; Washington's Birthday
Memorial Day; Independence Day; Labor Day; Veteran's Day,
Thanksgiving Day; and Christmas Day.
- B. Employee receives 20% premium pay for hazardous waste work.

TANK ERECTION CLASSIFICATIONS

GROUP 1: Operating Engineers--on all Cranes, derricks, etc.
with booms including jib 140 ft. or more above the ground.
GROUP 2: Operating Engineers--on all equipment, including
cranes derricks, etc. with booms including jib, less than 140
ft. above the ground.
GROUP 3: Helicopters--Pilot.
GROUP 4: Air compressors, welding machines and generators (gas,
diesel, or electrical driven equipment and sources of power from
a permanent plant, i.e., steam, compressed air, hydraulic or
other power, for the operating of any machine or automatic tools
used in the erection, alteration, repair and dismantling of
tanks and any and all "DUAL PURPOSE" trucks used on the
construction job site.
GROUP 5: Oiler.

ENGI0825D 07/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
[STEEL ERECTION]:		
GROUP 1	33.39	14.90+A+B
GROUP 2	32.48	14.90+A+B
GROUP 3	30.19	14.90+A+B
GROUP 4	27.53	14.90+A+B
GROUP 5	26.00	14.90+A+B
GROUP 6	24.24	14.90+A+B
GROUP 7	34.75	14.90+A+B

FOOTNOTES:

- A. PAID HOLIDAYS: New Year's Day, Washington's Birthday,
Memorial Day, Independence Day, Labor Day, Veteran's Day,
Thanksgiving Day, and Christmas Day.
- B. Employees receive 20% premium pay for hazardous waste work.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

[STEEL ERECTION]

GROUP 1: Cranes - (all cranes, land or floating with booms
including job 140 ft. and over, above ground); derricks-(all
derricks, land or floating with boom including jib 140 ft.
and over, above ground).
GROUP 2: Cranes - (all cranes, land or floating with booms
including jib less than 140 ft. above ground); derricks (all
derricks, land or floating with booms including jib, less than
140 ft. above ground).
GROUP 3: "A" frame; cherry pickers 10 tons and under; hoists;
all types hoists shall also include steam, gas, diesel,

electric, air hydraulic, single and double drum, concrete, brick shaft caisson, or any other similar type hoisting machines, portable or stationary, except Chicago boom type; jacks-screw air hydraulic power operated unit console type (not hand jack or pile load test type) side booms.

GROUP 4: Aerial platform used hoist; compressor, 2 or 3 in battery; elevators or house cars; conveyors and tugging hoists; fireman; forklift; generators, 2 or 3 maintenance-utility man; rod bending machine (power); welding machines--(gas or electric, 2 or 3 in battery, including diesels); captain power boats; tug master power boats.

GROUP 5: Compressor, single, welding machine, single, gas, electric converters of any type, diesel; welding system multiple (rectifier transformer type); generator, single.

GROUP 6: Oiler staddle carrier.

GROUP 7: Helicopter pilot.

ENGI0825E 07/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
OILOSTATIC MAINLINES & TRANSPORTATION PIPELINES:		
GROUP 1	31.25	14.90+A+B
GROUP 2	29.60	14.90+A+B
GROUP 3	27.46	14.90+A+B
GROUP 4	25.96	14.90+A+B
GROUP 5	24.24	14.90+A+B
GROUP 6	33.18	14.90+A+B

FOOTNOTES:

A. PAID HOLIDAYS: New Year's Day; Washington's Birthday, Memorial Day; Independence Day; Labor Day; Veteran's Day, Thanksgiving Day; and Christmas Day

B. Employee receives 20% premium pay for hazardous waste work.

OILOSTATIC MAINLINES AND TRANSPORTATION PIPE LINES
CLASSIFICATIONS

GROUP 1: Backhoe; cranes (all types); draglines; front-end loaders (5 yds. and over); gradalls; scooper (loader and shovel); koehring and trench machines.

GROUP 2: "A" frame; backhoe (combination hoe loader); boring and drilling machines; ditching machine, small; ditchwitch or similar type; fork lifts; front end loaders (2 yds and over but less than 5 yds.); graders, finish (fine); hydraulic cranes, 10 tons and under (over 10 tons - crane rate applies); side booms; and winch trucks (hoisting).

GROUP 3: Backfiller; brooms and sweepers; bulldozers; compressors (2 or 3 in battery); front-end loaders (under 2 yds.); generators; giraffe grinders; graders and motor patrols; mechanic; pipe bending machine (power); tractors; water and sprinkler trucks, welder and repair mechanic.

GROUP 4: Compressor (single); dope pots (mechanical with or without pump); dust collectors; farm tractors; pumps (4 in. suction and over); pumps (2 or less than 4 in. suction); pumps; diesel engine and hydraulic (immaterial or power); welding machines; gas or electric converters of any type, single; welding machines, gas or electric converters of any type, 2 or 3 in battery multiple welders; wellpoint systems (including installation and maintenance).

GROUP 5: Oiler, grease, gas, fuel and supply trucks and tire

repair and maintenance.
GROUP 6: Helicopter-pilot.

IRON0011B 07/01/1999		
	Rates	Fringes
MONMOUTH AND OCEAN COUNTIES		
IRONWORKERS:		
Structural & Ornamental	26.78	21.05
Reinforcing	25.28	21.05

IRON0068A 07/01/1999		
	Rates	Fringes
BURLINGTON (Remainder), MERCER, MONMOUTH (South half), AND OCEAN (Middle third) COUNTIES		
IRONWORKERS:		
Structual, Ornamental	26.56	18.90
Reinforcing (Concrete Rods)	24.56	18.90

IRON0350A 07/01/1999		
	Rates	Fringes
ATLANTIC, CAPE MAY, CUMBERLAND (Area East of a line drawn from Delaware Bay through the town of Cedarsville and upwards to the point where the county lines of Gloucester, Cumberland, and Atlantic meet), AND OCEAN (Remainder) COUNTIES		
IRONWORKERS:		
BUILDING CONSTRUCTION:		
Structural	26.45	16.85
Reinforcing	25.45	16.85
Fencing	23.80	16.85
HIGHWAY CONSTRUCTION:		
Reinforced Concrete	22.95	16.85
Structural	25.50	16.85

IRON0399A 07/01/1999		
	Rates	Fringes
BURLINGTON (Southern portion up to but not including Lumberton and Chatsworth Twps.), CAMDEN, CUMBERLAND (Remainder), GLOUCESTER, AND SALEM COUNTIES		
IRONWORKERS:		
Structural, Ornamental, and Reinforcing	27.60	13.45
Hazardous work	30.60	13.45

LABO0050A 05/01/1999		
	Rates	Fringes
MERCER COUNTY (Townships of Princeton, Lawrence, West Windsor, and Borough of Princeton)		
LABORERS (BUILDING CONSTRUCTION):		
CLASS A	20.25	11.42
CLASS B	19.75	11.42
CLASS C	16.79	11.42
LABORERS CLASSIFICATIONS (BUILDING CONSTRUCTION)		
CLASS A: Jack Hammer; Tamper; Motorized Tampers and Compactors Street Cleaning Machines; Scaffold Builder; Hydro Demolition Equipment; All types of Motorized Fork Lifts; Riding Motor Buggy Operator; Bob Cat Operator; Mortar Man; Burners; Nozzle Man on gunite Work.		

CLASS B: All Laborers not listed in Class A or C.
Class C Laborers doing Janitorial type light clean up
associated with the turnover of the project or part of
a project to the owner; All Flagman; and those manning
temporary heat of all types.

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LABO0172A 03/01/2000

ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER,
MERCER, OCEAN AND SALEM COUNTIES

LABORERS:

	Rates	Fringes
GROUP 1	22.80	10.05+A
GROUP 2	23.10	10.05+A
GROUP 3	23.40	10.05+A
GROUP 4	23.60	10.05+A
GROUP 5	23.85	10.05+A
GROUP 6	27.40	10.05+A
GROUP 7	25.90	10.05+A

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday,
Memorial Day, Independence Day; Labor Day, Veteran's Day,
Presidential Election Day, Thanksgiving Day, and Christmas
Day, provided the employee works 3 days for the same
Employer within a period of ten working days consisting of
five working days before and five working days after the
day upon which the holiday falls or is observed.

LABORERS CLASSIFICATIONS

GROUP 1: Common laborers, landscape laborers, railroad track
laborers, flagmen, salamander tenders, pitman, dumpman,
waterproofing laborers, rakers and tampers on cold patch work,
and wrapping and coating of all pipes.

GROUP 2: Powder carrier, magazine tender, and signalman.

GROUP 3: Sewer pipe, laser men, conduit and duct line layer,
power tool operator, jack hammer, chipping hammer, pavement
breaker, power buggy, concrete cutter, asphalt cutter, sheet
hammer and tree cutter operators, sandblasting cutting, burning
and such other power tools used to perform work usually done
manually by laborers.

GROUP 4: Wagon drill operator, timberman and drill master.

GROUP 5: Finisher, manhole, catch basin or inlet builder, form
setter, rammer, paver, gunite nozzleman and stonecutter.

GROUP 6: Blaster.

GROUP 7: Hazardous waste laborer.(Excludes asbestos work).

LABO0172B 03/01/2000

	Rates	Fringes
LABORERS; FREE AIR TUNNEL:		
GROUP 1	27.35	10.05+A
GROUP 2	23.95	10.05+A
GROUP 3	23.80	10.05+A
GROUP 4	23.30	10.05+A

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday,
Memorial Day; Independence Day, Labor Day, Presidential
Election Day, provided the employee works 3 days for the
same Employer within a period of ten working days

consisting of five working days before and five working days after the day upon which the holiday falls or is observed.

LABORERS; FREE AIR TUNNEL CLASSIFICATIONS

GROUP 1: Blasterers.

GROUP 2: Skilled men (including miners, drill runners, iron men, maintenance men, conveyor men, safety miners, riggers, block layers, cement finishers, rod men, caulkers, powder carriers, all other skilled men).

GROUP 3: Semi-skilled men (including chuck tenders, track men, nippers, brakemen, derail men, cable men, hose men, grout men, gravel men, form men, bell or signal men (top or bottom), form workers and movers, concrete workers, shaft men, tunnel laborers, all other semi-skilled).

GROUP 4: All others (including powder watchmen, change house attendants, top laborers).

 LABO0172C 03/01/2000

Rates Fringes
 ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER, MERCER, MONMOUTH, OCEAN, SALEM, AND MIDDLESEX (Southern half) COUNTIES

LABORERS - ASPHALT CONSTRUCTION:

STREET:

Head Rakers	22.05	11.70+A
Rakers & Screed Men	21.90	11.70+A
Tampers, Smothers, Kettlemen, Painters, Shovelers and Roller Boys	21.65	11.70+A

PLANT:

Scale Mixers & Burner Men	21.90	11.70+A
Feeders and Dust Men	21.65	11.70+A

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day; Independence Day; Labor Day; Veteran's Day, Presidential Election Day, Thanksgiving Day, and Christmas Day provided The Employee works 3 days for same employer within a period of ten working days consisting of five working days before and five working days after the day upon which the holiday falls or is observed.

 LABO0222A 05/01/1999

Rates Fringes
 BURLINGTON (Twps. of Cinnaminson, Delance, Delran, East Hampton, Edgewater Park, Evesham, Hainesport, Lumberton, Medford, Moorestown, Mount Laurel, Pemberton, Shamong, South Hampton, Tabernacle, West Hampton, Willingsboro and Woodland); CAMDEN; CUMBERLAND; GLOUCESTER; AND SALEM COUNTIES

LABORERS (BUILDING CONSTRUCTION):

CLASS A	18.42	13.25
CLASS B	17.92	13.25
CLASS C	15.23	13.25

LABORERS CLASSIFICATIONS (BUILDING CONSTRUCTION)

CLASS A: Jack Hammer, Tamper, Motorized Tampers and Compactors, Street Cleaning Machines, Scaffold Builder, Hydro, Demolition Equipment, All types of Motorized Fork Lifts Riding Motor Buggy Operator, Bobcat Operator, Mortar

Man, Burners, Nozzle Man on Gunitite work.
 CLASS B: All laborers not listed in Class A or C.
 CLASS C: Laborers doing Janitorial-type light clean up work
 associated with the turnover of the project to the owner
 All Flagman, and those manning temporary heat of all
 types.

LABO0343A 05/01/1999

	Rates	Fringes
MERCER (Twps. of East Windsor, Hightown, and Washington); MONMOUTH; AND OCEAN (Remainder) COUNTIES		
LABORERS:		
Class A	18.70	13.00
Class B	18.20	13.00
Class C	15.47	13.00

LABORER CLASSIFICATIONS

Class A: Jack Hammer; Tamper; Motorized Tampers & Compactors;
 Street Cleaning Machines; Scaffold Builder; Hydro
 Demolition Equipment; all types of Motorized Fork
 Lifts; Riding Motor Buggy Operator; Bobcat Operator
 Mortar Man; Burners; Nozzle Man on Gunitite work.
 Class B: All laborers not listed in Class A or C.
 Class C: Laborers doing Janitorial-type light clean up work
 associated with the turnover of the project to the
 owner, All flagman, and those manning temporary heat
 of all types.

LABO0369A 05/01/1999

	Rates	Fringes
BURLINGTON (Remainder); and MERCER (Remainder)		
LABORERS	19.30	11.87

LABO0415A 05/01/1999

	Rates	Fringes
ATLANTIC; BURLINGTON (Twps. of Bass River and Washington); CAPE MAY; CUMBERLAND (Twps. of Commercial, Dawne, Fairfiled, Lawrence, Maurice, and Millville); AND OCEAN (That portion up to and including Lacy Twp.) COUNTIES		
LABORERS (BUILDING CONSTRUCTION):		
CLASS A	19.75	11.95
CLASS B	19.25	11.95
CLASS C	16.36	11.95

LABORERS CLASSIFICATIONS (BUILDING CONSTRUCTION)

CLASS A: Jack Hammer, Tamper, Motorized Tampers and Compactors,
 Street Cleaning Machines, Scaffold Builder, Hydro
 Demolition Equipment, all types of Motorized Fork Lifts,
 Riding Motor Buggy Operator, Bobcat Operator, Mortar
 Man, Burners, Nozzle Man on Gunitite work.
 CLASS B: All laborers not listed in Class A or C.
 CLASS C: Laborers doing Janitorial- type light clean up work
 associated with the turnover of the project to the owner
 All flagman, and those manning temporary heat of all
 types.

LABO0472A 03/01/1999

	Rates	Fringes
MONMOUTH COUNTY		

LABORERS (HEAVY AND HIGHWAY CONSTRUCTION):

GROUP 1	22.25	9.70+A
GROUP 2	22.45	9.70+A
GROUP 3	22.75	9.70+A
GROUP 4	22.95	9.70+A
GROUP 5	23.20	9.70+A
GROUP 6	26.75	9.70+A
GROUP 7a	25.25	9.70+A
Group 7b	23.25	9.70+A

LABORERS CLASSIFICATIONS (HEAVY & HIGHWAY)

GROUP 1: Common laborers, landscape laborers, railroad track laborers, flagmen, salamander tenders, pitman, dumpman, waterproofing laborers, rakers and tampers on cold patch work, and wrapping and coating of all pipes, & Asphalt Laborers.

GROUP 2: Powder carrier, magazine tender, signalman, asphalt raker, and asphalt screedman

GROUP 3: Sewer pipe, laser men, conduit and duct line layer, power tool operator, jack hammer, chipping hammer, pavement breaker, power buggy, concrete cutter, asphalt cutter, sheet hammer and tree cutter operators, sandblasting cutting, burning, power tool operator, and such other power tools used to perform work usually done manually by laborers.

GROUP 4: Wagon drill operator, timberman and drill master.

GROUP 5: Finisher, manhole, catch basin or inlet builder, form setter, rammer, paver, gunite nozzleman, and stone cutter

GROUP 6: Blaster.

Group 7a: Hazardous waste laborer required to wear level A,B, or C personal protection.

GROUP 7b: Certified laborer working a hazardous waste removal project or site at a task requiring hazardous waste related certification, but who is not working in a zone requiring level A,B, or C personal protection.

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Presidential Election Day, Thanksgiving Day, and Christmas Day provided the employee works 3 days for the same employer within a period of 10 working days consisting of 5 working days before and 5 working days after the day upon which the holiday falls or is observed

LABO1030A 04/01/1998

LABORERS: (The removal, abatement, enclosure and decontamination of personal protective equipment, chemical protective clothing and machinery relating to asbestos and/or toxic and hazardous waste of materials which shall include but not necessarily be limited to: the erection, moving, servicing and dismantling to all enclosures, scaffolding, barricades, and the operation of all tools and equipment normally used in the removal or abatement of asbestos and toxic and hazardous waste or materials, the labeling, bagging, cartoning, crating, or other packaging of materials for disposal; and the clean up of the work site and all other work incidental to the removal, abatement, encapsulation, enclosure, and decontamination of asbestos or toxic and hazardous waste materials; and in addition, all work tasks involved in the

7	* PAIN0711C 05/01/2000		
8		Rates	Fringes
9	BURLINGTON, CAMDEN, GLOUCESTER, & SALEM COUNTIES:		
0			
1	PAINTING, PAPERHANGING & ALLIED WORK	28.75	2.54+27%
2			
3	SPRAYING, SANDBLASTING, DIPPING,		
4	POWER TOOLS (Over 115 volts) &		
5	PAPERHANGING PASTING APPARATUS		
6	WORK ON TANKS, BRIDGES, TOWERS,		
7	STACKS, & OPEN STRUCTURAL STEEL,		
8	WORK FROM CABLES & SWINGING SCAFFOLDS,		
9	EXTERIOR WORK ABOVE THREE STORIES		
0		31.25	2.54+27%
1			
2	REPAINT WORK & PREPARATION THEREFORE		
3	(including jobs where no major alterations		
4	are taking place but excluding bridges,		
5	stacks, elevated tanks & generating		
6	stations)	22.00	2.54+27%
7	-----		

9	* PAIN0711H 05/01/2000		
0		Rates	Fringes
1	MERCER COUNTY		
2			
3	PAINTERS:		
4			
5	New Construction and		
6	Major Alterations	28.75	27%+2.55
7			
8	Repaint Work	22.00	27%+2.55
9			
0	Spraying or application of		
1	Hazardous or Dangerous		
2	Materials on Repaint Work	24.00	27%+2.55
3			
4	Bridges, TV & Radio Towers,		
5	Structural Steel & Tanks above 3		
6	stories in height (30' or over),		
7			
8	Smoke Stacks, Water Towers, Sand-		
9	Blasting, Steam Cleaning, Spraying,		
0	or application of Hazardous		
1	Materials	31.25	27%+2.55
2			
3	Paperhanging	25.60	27%+2.55
4	-----		

6	PAIN0711J 06/01/1998		
7		Rates	Fringes
8	DRYWALL FINISHERS & TAPERS	27.75	10.72
9	-----		

1	* PAIN0711K 05/01/2000		
2		Rates	Fringes
3	MERCER & MONMOUTH COUNTIES:		

4			
5	GLAZIERS:	28.75	10.30
6	-----		
7			
8	PLAS0699A 05/01/1998		
9		Rates	Fringes
0	CAMDEN, GLOUCESTER, AND SALEM COUNTIES		
1			
2	CEMENT MASONS	23.75	11.00
3	-----		
4			
5	PLUM0009I 03/01/1999		
6		Rates	Fringes
7	AIR CONDITIONING & REFRIGERATION		
8	MECHANICS	22.08	7.57
9			
0	SCOPE OF WORK:		
1	Installation of air conditioning and refrigeration equipment		
2	whose combined tonnage does not exceed 15 tons. Installation of		
3	water cooled air conditioning that does not exceed 10 tons		
4	(includes piping of compenent system and erection of water		
5	tower). Installation of air cooled air conditioning that does		
6	not exceed 15 tons. Installation of air conditioning equipment		
7	of the "Package-Unitary" rooftop type, the combined tonnage of		
8	which does not exceed 35 tons. Packaged Unitary Air Conditioning		
9	and Refreigeration Institute (ARI) as follows: "A unitary air		
0	conditioner consists of one or more cooling coil, and air moving		
1	device, a cpmpressor and condenser combination, and may include a		
2	heating function as well". Any and all related piping to the		
3	above installation will be done under the appropriate trade		
4	jurisdiction.		
5	-----		
6			
7	PLUM0009J 07/01/1999		
8		Rates	Fringes
9	BURLINGTON (from the town of Burlington City, to everything north		
0	along County Road Route 541 East also known as High Street, until		
1	it reaches the city of Mount Holly which is also Local 9		
2	territory, Madison Avenue in Mount Holly to State Road Route 38		
3			
4	East, again everything north along State Road Route 38 East		
5	until its cross over, State Road Route 206 and becomes County		
6	Road Route 530, continuing on including Pemberton Boro to south		
7	on Magnolia Road in Pemberton Township to Magnolia New Lisbon		
8	Road (Route 545), to south on Mount Holly Misery Road to State		
9	Road Route 70 East to the Ocean County Line), MERCER, MONMOUTH,		
0	AND OCEAN COUNTIES:		
1			
2	PLUMBERS & PIPEFITTERS	30.78	14.10
3	-----		
4			
5	PLUM0322A 05/01/1999		
6		Rates	Fringes
7	ATLANTIC; BURLINGTON (Ramainder) CAMDEN; CAPE MAY; CUMBERLAND;		
8	GLOUCESTER; AND SALEM COUNTIES		
9			
0	PLUMBERS/PIPEFITTERS	26.46	15.10

1 -----
2
3 ROOF0004A 06/01/1996
4 Rates Fringes
5 MONMOUTH COUNTY (Remainder), AND OCEAN (Remainder) COUNTIES
6
7 ROOFERS 24.22 11.75
8 -----

9
0 ROOF0030D 05/01/1999
1 Rates Fringes
2 ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER,
3 MERCER AND SALEM COUNTIES; and the following portions of MONMOUTH
4 AND OCEAN COUNTIES: West of a line starting from the point on
5 Route 70 where Burlington and Ocean Counties meet, Easterly along
6 Route 70 to Route 571, along Route 571 to Cassville, Easterly on
7 Route 528 to Van Hiseville, Northerly on Route 527 to Manalapan,
8 Westerly on Route 33 to the Monmouth County Line
9
0 ROOFERS:
1 Shingle, slate and tile 19.25 6.17
2 All other work 24.15 12.15+A
3

4 FOOTNOTE:
5 A. PAID HOLIDAY: Election Day.
6 -----

7
8 SFNJ0669B 01/01/2000
9 Rates Fringes
0 ATLANTIC, BURLINGTON, CAPE MAY, CUMBERLAND, MERCER (Remainder),
1 MONMOUTH, OCEAN, AND SALEM (Remainder) COUNTIES
2
3 SPRINKLER FITTERS 30.65 6.45
4 -----

5
6 * SFNJ0692C 05/01/2000
7 Rates Fringes
8 CAMDEN, GLOUCESTER, MERCER (Town of Trenton), AND SALEM (Penns
9 Grove, excluding Penns Grove Airport) COUNTIES
0
1 SPRINKLER FITTERS 32.02 10.75
2 -----

3
4 * SHEE0019M 05/01/2000
5 Rates Fringes
6 CAMDEN, GLOUCESTER, & SALEM COUNTIES:
7
8 SHEET METAL WORKER 27.97 15.61+H
9
0 H-Election Day is a paid holiday.
1
2 -----

3
4 SHEE0027B 06/01/1997
5 Rates Fringes
6 ATLANTIC, BURLINGTON, CAPE MAY, CUMBERLAND, MERCER, MONMOUTH AND
7 OCEAN COUNTIES

8			
9	SHEET METAL WORKERS	28.20	13.59
0	-----		
1			
2	SUNJ1002A 12/07/1993		
3		Rates	Fringes
4	MERCER COUNTY		
5			
6	CEMENT MASONS (BUILDING		
7	CONSTRUCTION ONLY)	19.60	8.83
8	-----		
9			
0	TEAM0331A 01/01/1998		
1		Rates	Fringes
2	ATLANTIC AND CAPE MAY COUNTIES		
3			
4	TRUCK DRIVERS:		
5	GROUP 1	20.75	8.92+A
6	GROUP 2	20.90	8.92+A
7	GROUP 3	21.10	8.92+A
8	GROUP 4	21.25	8.92+A
9			
0	FOOTNOTE:		
1	A. PAID HOLIDAYS: New Year's Day; Washington's Birthday;		
2	Memorial Day; Independence Day; Labor Day; Veteran's Day;		
3	Presidential Election Day; Thanksgiving Day;& Christmas		
4	Day; provided the employee works 3 days in the week in		
5	which the holiday falls.		
6			
7	TRUCK DRIVERS CLASSIFICATIONS		
8			
9	GROUP 1: Striaight Truck Driver, Dump Truck Driver, Water Truck		
0	Driver, Transit Mix Driver, Pickup Truck Driver, Tank Truck Driver		
1	Track Truck Driver, Agitator Truck Driver, Concrete Mobile Unit		
2	Driver, Tringer Bead Truck Driver, Ross Carrier Driver, Warehouse		
3	Forklift Driver, A Frame Truck Driver, Gin Pole Truck Driver,		
4			
5	Form Truck Driver, Driver for Truck having Self Loading/Unloading		
6	Attachment, & Vacuum Truck/Trailer.		
7	GROUP 2: Trucks Towing Driver		
8	GROUP 3: Trailer Truck Driver, Winch Truck Driver, Off Road Dump		
9	Truck Driver, Fuel Truck Driver, Tractor Trailer (any trailer		
0	driver), Asphalt Oil Distributor Driver, & Off Road Water Truck		
1	Driver.		
2	GROUP 4: Mechanics.		
3			
4	GROUP 2: Drivers on Euclids, 10 Wheel Tractors and Tractor		
5	Trailer Trucks, Low Bed, and Pole Trailers		
6	-----		
7			
8	TEAM0469D 05/01/1997		
9		Rates	Fringes
0	BURLINGTON (Remainder), MERCER, MONMOUTH, AND OCEAN COUNTIES		
1			
2	TRUCK DRIVERS:		
3	GROUP 1	24.45	10.335+A
4	GROUP 2	24.50	10.335+A

5	GROUP 3	24.60	10.335+A
6	GROUP 4	24.70	10.335+A

7
8 FOOTNOTE:

9 A. Employees working or receiving pay for 80 days within a
0 year receive one week's paid vacation (48 hours); 125
1 days receive two weeks' vacation (96 hours); 145 days
2 receive 15 days (120 hours); 15 years seniority and 145
3 days receive 4 weeks vacation (160 hours).
4 PAID HOLIDAYS: New Year's Day; Washington's Birthday;
5 Memorial Day; Independence Day; Labor Day; Columbus Day;
6 Veteran's Day, General Election Day; Thanksgiving Day;
7 and Christmas Day provided the employee has been assigned
8 to work or "shapes" one day of the calendar week during
9 which the holiday falls. Employee receives \$3.00 per
0 hour premium pay for hazardous waste work.

1
2 TRUCK DRIVERS CLASSIFICATIONS
3

4 GROUP 1: Drivers on the following type vehicles: straight dumps,
5 flats, floats, pick-ups, container haulers, fuel, water
6 sprinkler, road oil, stringer, bead, hot pass, bus dumpcrete,
7 transit mixers, agitator mixer, half truck, winch truck, side-0-
8 matic, dynamite, power, x-ray, welding, skid, jeep, station
9 wagon, stringer, A-frame, all dual purpose trucks, truck with
0 mechanical tailgate, asphalt distributor, batch trucks, seeding,
1 mulching, fertilizer, air compressor trucks (in transit), parts
2 chaser, escort, scissor, Hi-lift, telescope, concrete breaker,
3 gin pole, stone, sand, asphalt distributor and spreader, nipper,
4 fuel trucks (drivers on fuel trucks, including handling of unit),
5 skid truck (debris container - entire unit), concrete mobile
6 trucks (entire unit), expediter (parts chaser), beltcrete trucks,
7 pumpcrete trucks, line truck, reel truck, wreckers, utility
8 trucks, tank trucks, warehousemen, warehouse partsmen, yardmen,
9
0 lift truck in warehouse, warehouse clerk, parts man, material
1 checkers, receivers shippers, binning men (materials cardex man);
2 drivers on the following type vehicle: broyhill coal tar epoxy
3 trucks, little-ford bituminous distributor, slurry seal truck or
4 vehicle, thiokol trackmaster pick-up (swamp cat pickup, bucket
5 loader dump truck and any rubber-tired tractor used in pulling
6 and towing farm wagons and trailers of any description, similar
7 type vehicles); off-site and on-site repair shop, team drivers,
8 vacuum or vac-all trucks (entire unit)
9

0 GROUP 2: Drivers on straight 3-axle materials; truck and floats
1

2 GROUP 3: Drivers on all euclid-type vehicles; euclids,
3 international harvesters, wabcos, caterpillar, koehring,
4 tractors, and wagons, dumptrucks, straight, bottom, rear and side
5 dumps, carryalls and scrapers (not self-loading - loading over
6 the top), water sprinkler, trailers, water pulls and similar
7 types of vehicles; drivers on tractors and trailer type vehicles;
8 flat, floats, I-beam, low beds, water sprinkler, bituminous
9 transit mix, road oil, fuel bottom dump hopper, rear dump, office
0 shanty, epoxy, asphalt, agitator mixer, mulching, stringer,
1 seeding, fertilizing pole spread, bituminous distributor, water

2 pulls (entire unit) (tractor trailer), reel trailer and similar
3 types of vehicles

4
5 GROUP 4: Winch Trailer Drivers

6 -----
7
8 TEAM0676A 05/01/1996

9 Rates Fringes
0 BURLINGTON (Area West of the NJ Turnpike to the Delaware River),
1 CAMDEN, CUMBERLAND, GLOUCESTER AND SALEM COUNTIES

2
3 TRUCK DRIVERS:

4 GROUP 1	20.20	8.1875+A+B
5 GROUP 2	20.25	8.1875+A+B
6 GROUP 3	20.40	8.1875+A+B
7 GROUP 4	20.60	8.1875+A+B
8 GROUP 5	20.75	8.1875+A+B
9 GROUP 6	*	8.1875+A+B

0
1 FOOTNOTES:

2 A. Employee who has worked or received pay for 90 days
3 within a year prior to his anniversary date shall
4 receive 56 hours straight time vacation pay; for 3 years
5 but less than 8 years of service he will receive 100
6 hours of straight time vacation pay; 15 years or more he
7 will receive 165 hours of straight time vacation pay.

8 B. PAID HOLIDAYS: New Year's Day, Memorial Day,
9 Independence Day, Labor Day, Veteran's Day,
0 Presidential Election Day, Thanksgiving Day, Christmas
1 Day, and two personal holidays, Good Friday, and
2 Christmas Eve afternoon (provided employee works that
3 morning) on the condition that the employee works or is
4 available for work on at least two days in the week in

5
6 which the holiday occurs.

7
8 TRUCK DRIVERS CLASSIFICATIONS

9
0 GROUP 1: Warehouseman

1
2 GROUP 2: Dump truck, water truck, transit mix, pickup, tank,
3 track, agitator, concrete mobile unit, dytinger bead, tack
4 rig, ross carrier, warehouse forklift, A-frame, gin pole
5 form truck, truck having self-loading/unloading attachment,
6 straight

7
8 GROUP 3: Truckstowing

9
0 GROUP 4: Trailer winch off road dump, fuel, tractor trailer,
1 asphalt oil distributor, off road water truck

2
3 GROUP 5: Mechanics

4
5 *GROUP 6: Truck drivers, on hazardous waste removal work on a
6 state or federally designated hazardous waste site where
7 the truck driver is in direct contact with hazardous
8 materials and when personal protective equipment is

9 required for respiratory, skin and eye protection
0 the teamster shall receive \$2.25 per hour in addition to
1 the regular rate of pay including overtime pay.

2 -----
3
4 WELDERS - Receive rate prescribed for craft performing operation
5 to which welding is incidental.

6 =====
7
8 Unlisted classifications needed for work not included within
9 the scope of the classifications listed may be added after
0 award only as provided in the labor standards contract clauses
1 (29 CFR 5.5(a)(1)(v)).

2 -----
3 In the listing above, the "SU" designation means that rates
4 listed under that identifier do not reflect collectively
5 bargained wage and fringe benefit rates. Other designations
6 indicate unions whose rates have been determined to be
7 prevailing.

8
9 WAGE DETERMINATION APPEALS PROCESS

0
1 1.) Has there been an initial decision in the matter? This can
2 be:

- 3
4 * an existing published wage determination
5 * a survey underlying a wage determination
6 * a Wage and Hour Division letter setting forth a
7
8 position on a wage determination matter
9 * a conformance (additional classification and rate)
0 ruling

1
2 On survey related matters, initial contact, including requests
3 for summaries of surveys, should be with the Wage and Hour
4 Regional Office for the area in which the survey was conducted
5 because those Regional Offices have responsibility for the
6 Davis-Bacon survey program. If the response from this initial
7 contact is not satisfactory, then the process described in 2.)
8 and 3.) should be followed.

9
0 With regard to any other matter not yet ripe for the formal
1 process described here, initial contact should be with the Branch
2 of Construction Wage Determinations. Write to:

3
4 Branch of Construction Wage Determinations
5 Wage and Hour Division
6 U. S. Department of Labor
7 200 Constitution Avenue, N. W.
8 Washington, D. C. 20210

9
0 2.) If the answer to the question in 1.) is yes, then an
1 interested party (those affected by the action) can request
2 review and reconsideration from the Wage and Hour Administrator
3 (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

4
5 Wage and Hour Administrator

6 U.S. Department of Labor
7 200 Constitution Avenue, N. W.
8 Washington, D. C. 20210
9

0 The request should be accompanied by a full statement of the
1 interested party's position and by any information (wage payment
2 data, project description, area practice material, etc.) that the
3 requestor considers relevant to the issue.
4

5 3.) If the decision of the Administrator is not favorable, an
6 interested party may appeal directly to the Administrative Review
7 Board (formerly the Wage Appeals Board). Write to:

8
9 Administrative Review Board
0 U. S. Department of Labor
1 200 Constitution Avenue, N. W.
2 Washington, D. C. 20210
3

4 4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

General Decision Number PA000006

General Decision Number PA000006 Superseded General Decision No. PA990006

State: Pennsylvania

Construction Type:

HEAVY

HIGHWAY

County(ies):

BUCKS DELAWARE PHILADELPHIA

CHESTER MONTGOMERY

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

Modification Number Publication Date

0	02/11/2000
1	03/24/2000
2	04/07/2000
3	05/19/2000

COUNTY(ies):

BUCKS DELAWARE PHILADELPHIA

CHESTER MONTGOMERY

BOIL0013G 08/30/1998

	Rates	Fringes
BOILERMAKERS	28.48	11.26

CARP0454D 07/01/1999

	Rates	Fringes
PILEDRIVERMEN	25.00	15.79+A

FOOTNOTE:

A. PAID HOLIDAYS: Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (provided the employee works the day before the holiday and the day after the holiday)

CARP0612A 05/01/1999

	Rates	Fringes
CARPENTERS	24.55	12.46+A

FOOTNOTE:

A. PAID HOLDIDAY: Labor Day

CARP1906A 07/01/1999

	Rates	Fringes
MILLWRIGHTS	24.07	13.46

* ELEC0098A 05/01/2000

	Rates	Fringes
BUCKS COUNTY: Starting at the Delaware River and following the west limits of the Borough of Bristol, along the continuation of U.S. Highway 13 and under the Pennsylvania Railroad Bridge to Route 09113, north 09113 to Route 152, north along Route 152 to the Humeville Road, east on Humeville Road to Route 333, north on Route 344 to the junction of Spurs 281 and 252, continue north on Spur 252 to Route 09028, west on 09028 to Route 152,		

north on 152 to TR 232, north on TR 532 to Tr 113, north on TR 113 to TR 232 at Anchor Inn, northeast on TR 232 and continue northeast along Route 659 to Route 09060, west on 09060 to Route 402, north on 402 to the Borough line at the southwest corner of the Borough of New Hope. The Borough of New Hope is excluded. Starting at the Delaware at the Delaware River and proceeding southwest along the Plumstead-Solebury and the Plumstead-Buckingham Township lines to Route 09064, northwest on 09064 to U.S. Highway 611 south on 611 to the spur of Route 270, northwest along the spur to Route 397, Southwest on 397 to Route 350, southeast on 350 to Route 395, southwest on 395 to Route 09060, southeast on 09069 to Route 09041 southwest on 09041 to the Montgomery County line.

DELAWARE COUNTY: That portion east of a line following State Highway 320 from Montgomery County to Maple, then along the Springfield Road to Saxer Ave, along Saxer Avenue to Powell Road, along Powell Road to State Highway 420 and continuing in a straight line to the Delaware River.

MONTGOMERY COUNTY: That portion southeast of a line following Lower State Road from Bucks County southwest to the Bethlehem Pike (U.S Highway 309), south on the Bethlehem Pike to the Penllyn Pike, southwest on the Penllyn and Blue Bell Pikes to the Wissahickon Creek, southeast on the Wissahickon Creek to the Butler Pike to North Lane near Conshohocken Borough, southwest on North Lane to Schuylkill River and continuing southeast in a line to the Spring Mill Road and southwest on the Spring Mill Road to Delaware County.

PHILADELPHIA COUNTY

ELECTRICIANS	31.55	45.12%
--------------	-------	--------

* ELEC0102D 05/01/2000

	Rates	Fringes
BUCKS COUNTY (Plumstead, Bedminister, Tinicum, Nockomixon, Bridgeton and Durham Townships in their entireties, and that portion of Haycock and Springfield Townships east of a line following State Highway 412, from Northampton County south to Route 09071 to State Highway 212, along Highway 212 to Route 09068, and along 09068 to State Highway 313. Also included is that portion of Bublin Borough east of State Highway 313		
ELECTRICIANS	31.31	37%

ELEC0126D 01/01/2000

	Rates	Fringes
CHESTER, DELAWARE, MONTGOMERY, PHILADELPHIA, AND REMAINDER OF BUCKS COUNTY		
LINE CONSTRUCTION:		
Lineman	32.23	16.25%+2.80
Winch Truck Operator	22.56	16.25%+2.80
Truck Driver	20.95	16.25%+2.80
Groundman	19.34	16.25%+2.80

ELEC0269A 10/01/1999

	Rates	Fringes
BUCKS COUNTY (Area East of a line starting at the Delaware River and following the west limits of the Borough of Bristol, along the continuation of U.S. Highway 13 and under the Pennsylvania Railroad Bridge to Route 09113, north along 09113 to route 152,		

north along route 152 to the Hulmeville Rd., east on the Hulmeville to Route 344, north on route 344 to the junction of Spurs 281 and 252 continue north on spur 252 and route 09028, west on 09028 to Route 152, north on 152 to TR 532, north on TR 532 to TR 113, north on TR 113 to TR 232 as Anchor Inn, northeast on TR 232 and continue northeast along 659 to Route 09060, West on 09060 to Route 402, north on 402 to the Borough Line at the southwest corner of the Borough of New Hope; including the Boroughs of New Hope and Bristol)

ELECTRICIANS	32.30	28%+5.20
--------------	-------	----------

ELEC0269C 10/01/1997

	Rates	Fringes
BUCKS COUNTY - That portion east of a line starting at the Delaware River and following the west limits of the Borough of Bristol, along the continuation of U.S. Highway 13 and under the Pennsylvania Railroad Bridge to Route 09113, north along 09113 to route 152, north along route 152 to the Hulmeville Rd., east on the Hulmeville to Route 344, north on route 344 to the junction of Spurs 281 and 252 continue north on spur 252 and route 09028, west on 09028 to Route 152, north on 152 to TR 532, north on TR 532 to TR 113, north on TR 113 to TR 232 as Anchor Inn, northeast on TR 232 and continue northeast along 659 to Route 09060, West on 09060 to Route 402, north on 402 to the Borough Line at the southwest corner of the Borough of New Hope. The Boroughs of New Hope and Bristol are included.		

LINE CONSTRUCTION:

Lineman, Cable Splicer,		
Heavy Equipment Operator,		
and Truck Drivers	29.95	5.00+29%
Groundman, Winch Operator	23.96	5.00+29%

ELEC0313G 12/01/1996

	Rates	Fringes
DELAWARE COUNTY :(That portion south of U.S. Highway No. 1 and west of U.S. Highway No. 202) Chester County (That portion South and east of U. S. Highway 1)		

ELECTRICIANS	22.37	49.33%
--------------	-------	--------

ELEC0375A 06/01/1999

	Rates	Fringes
BUCKS COUNTY (East Rock Hill, West Rock Hill, Milford and Richland Townships in their entirety and that portion of Haycock and Springfield Townships west of a line following State Highway 212 from Northampton County South to Route 09071 along 09071 to state Highway 212, along Highway 212 to Route 09068 and along 09068 to State Highway 313)		

ELECTRICIANS	24.75	3%+3.03
--------------	-------	---------

ELEC0380A 09/06/1999

	Rates	Fringes
BUCKS COUNTY (Hilltown and New Britain Townships in their entirety; that portion of Telford Borough Northeast of County Line Road (Main Street) and bounded by West Rock Hill and Hilltown Township that portion of Dublin Borough West of State Highway 313, and that portion of Doylestown and Warrington Townships and Doylestown Borough Northwest of a line following		

U.S. Highway 611 South from Route 09064 to the spur of Route 270, and proceeding Northwest along the spur to Route 397, Southwest on 397 to Route 350, Southeast on 350 to Route 395, Southwest on 395 to Route 09069, Southeast on 09069 to Route 09041, Southwest on 09041 to the Montgomery County Line)

DELAWARE COUNTY (The portion of Radnor Township North of U.S Highway 30 and West of State Highway 320)

MONTGOMERY COUNTY (The portion Northwest of a line following Lower State Road from Bucks County Southwest to Bethlehem Pike (U.S. Highway 309), South on Bethlehem Pike to Penllyn Pike, Southwest on the Penllyn and Blue Bell Pikes to Wissahickon Creek to the Butler Pike, Southwest Wissahickon Creek to Butler Pike, Southwest on Butler Pike, to North Lane near Conshohocken Borough, Southeast on North Lane to the Schuylkill River and continuing Southeast in a line to Spring Mill Road, Southwest on Spring Mill Road to Delaware County; but excluding Upper Hanover, Douglas, Upper Pottsgrove, West Pottsgrove Townships and also excluding that portion of the Borough of Pottstown North and West of a line drawn Northeast on Kein Street from the Schuylkill River to Reading Railroad Northwest on the railroad to Madison Street, to High Street, East on High Street to Green Street, North on Green Street and Northeast on Mintzer Street to Lower Pottsgrove Township Line, along this township line and the borough line Northwest to Adams Street and Beehive Road, Northeast on Beehive Road to the Township Line at Mervine Street)

CHESTER COUNTY (East Coventry, East Vincent, West Vincent, East Pikeland, West Pikeland, Uwchlan, Upper Uwchlan, East Brandywine, Schuylkill and Charleston Townships in their entirety, and that portion of Clan, East Clan, East Whiteland & West Whiteland, Tredyffrin, Willistown, Easttown Townships and Borough of Downingtown north of U. S.Highway 30)

ELECTRICIANS	29.22	35%
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* ELEC0654A 05/31/1999

	Rates	Fringes
DELAWARE COUNTY (The portion south of U.S. Highway 30 and north of that part U.S. Highway 1 between U.S. Highway 202 and the Chester County Line, and east of that part of U.S. Highway 202 between U.S. Highway 1 and the Delaware Line, and west of a line extending from Montgomery County along State Route 320 to Maple, then along the Springfield Road to Saxer Avenue, along Saxer Avenue to Powell Road; along Powell Road to State Highway 420; along 420 and continuing in a straight line to the Delaware River in the State of Pennsylvania) CHESTER COUNTY (That portion south of U. S. Highway 30 and north of that part of U.S. Highway 1)		
ELECTRICIANS	27.68	4.87+8.74%

ELEC0743A 09/01/1999

	Rates	Fringes
CHESTER (Coatesville, Honey Brook, South Coventry, Valley, Wallace, Warwick, West Brandywine, West Clan, and West Nantmeal Twps); AND MONTGOMERY (Douglas, Pottstown, Upper Pottsgrove, and West Pottsgrove, Twps) COUNTIES		
ELECTRICIANS	21.55	3%+5.87

ELEC0743G 09/01/1998

	Rates	Fringes
CHESTER COUNTY (The portion of Sadsbury and West Sadsbury Township north of U.S. Highway 30)		
ELECTRICIANS	18.40	3%+4.07

ENGI0542D 05/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
HEAVY, HIGHWAY, AND WATER LINE CONSTRUCTION (Off Plant Site)		
GROUP 1	25.29	29.5%+4.76+A
GROUP 2	25.04	29.5%+4.76+A
GROUP 3	21.57	29.5%+3.96+A
GROUP 4	21.26	29.5%+3.96+A
GROUP 5	19.54	29.5%+3.97+A
GROUP 6	18.55	29.5%+3.97+A

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Handling steel and stone in connection with erection, cranes doing hook work, any machine handling machinery, helicopters, concrete pumps building machines similar to the above, including remote control equipment.

GROUP 2: All types of cranes, All types of backhoes, Cableways, Draglines, Keystones, all types of shovels, Derricks, Pavers 21E and over, Trenching machines, Trench shovel, Graddalls, Front-End loaders, Boat Captain, Pippin type backhoes, Tandems scrapers, Towers type crane operation erecting, Dismantling, Jumping or Jacking, Drills (self-contained), (drillmaster type) forklift (20 ft. and over), Moter patrols (fine grade), Batch plant with mixer, Carryalls, Scraper, Trounapulls, Roller (Hith Grade Finishing), Spreaders (asphalt), Bulldozers and Tractors, Mechanic welder, Conveyor loaders (euclid-type wheel), Concrete pump, Milling Machines, Hoist with two towers, Building hoist double drum (unless used as a single drum), Mucking machines in tunnel, All auto grade and concrete finishing machines, Bundle pullers/extractors (tublar), toxic/hazardous waste removal rate 20 per cent added to all classification, bobcat, side broom, directional boring machines, vermeet saw type machines (other than hand held) tractor mounted hydro axe, chipper with boom, all machine similar to the above includidng remote control equipment.

GROUP 3: Asphalt plant engineers, Well drillers, Ditch witch (small trencher), Motor patrols, Fine grade machines, Ten-ton roller (grade fill stone base), Concrete breaking machines, Guilloline only, Stump grinder, Conveyors (except building conveyors), Fork lift trucks of all types, High pressure boliers, Machine similar to the above, including remote control equipment.

GROUP 4: Seaman, Pulverzer form line grader, Farm tractors, road finishing, Concrete spreader, Power broom (self-contained), Seed spreader, Grease truck.

GROUP 5: Compressors pumps, Well point pumps, Welding machines Tireman, Power equipment, Maintenance engineer (power boats), and macnines similar to the above.

GROUP 6: Fireman, Oilers and deck hands (personnel Boats), grease truck.

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day and Christmas Day

TOXIC/HAZARDOUS WASTE REMOVAL* Add 20 per cent to basic hourly rate for all classifications

IRON0068D	07/01/1999	
	Rates	Fringes
BUCKS COUNTY (Remainder)		
IRONWORKERS, Structural, Ornamental, and Reinforcing	26.56	18.90

IRON0161A	07/01/1999	
	Rates	Fringes
BUCKS COUNTY (Includes the towns of Bensalem, Breadysville, Bristol, Churchville, Cornwells Heights, Davisville, Eddington, Feasterville, Hartsville, Johnsville, Line Lexington, Neshaminy, Southampton, Tradesville, Trevose, Unionville, Warminster, and Warrington), DELAWARE (North of a line running along State Route 352 to right on Stae Route 291 to State Line); CHESTER (Includes the towns of Alsham, Anselma, Bacton, Berwyn, Cedar Hollow, Charlestown, Chester Springs, Cromby, Devon, Devault, Daylesford, Diamond Rock, Dutton Mill, Frazer, Goshenville, Howellville, Kimberton, Ludwig Corner, Paoli, Mattews, Perkiomen Junction, Phoenixville, Rapps Corner, Rocky Hill, Strafford, Sugartown, Tanguy, Valley Forge, Valley Store, White Horse, Williams Corner); MONTGOMERY (Remainder); and PHILADELPHIA COUNTIES		
IRONWORKERS:		
Rigger and Machinery Mover	26.20	12.70

IRON0401A	07/01/1999	
	Rates	Fringes
BUCKS (Includes the towns of BEnsalem, Breadysville, Bristol Churchville, Cornwells Heights, Davisville, Eddington, Feasterville, Hartsville, Johnsville, Line Lexington, Neshaminy, Southampton, Tradesville, Trevose, Unionville, Warminster, and Warrington): DELAWARE (North of a line running along State Rt 352 to right on State Rt 291 to State Line); CHESTER (Includes the towns of Aldham, Anselma, Bacton, Berwyn, Cedar Hollow, Charlestown, Chester Springs, Cromby, Devon, Devault, Daylesford, Diamond Rock, Dutton Mill, Frazer, Goshenville, Howellville, Kimberton, Ludwigs Corner, Paoli, Matthews, Perkiomen Junction, Phoenixville, Rapps Corner, Rocky Hill, Strattford, Sugartown, Tanguy, Valley Forge, Valley Store, White Horse, Williams Corner, and Wilsons Corner); MONTGOMERY (Remainder); and PHILADELPHIA COUNTIES		
IRONWORKERS:		
Structural and Ornamental	29.60	13.90

IRON0405A	07/01/1999	
	Rates	Fringes
BUCKS (Includes the towns of Bensalem, Breadysville, Bristol, Churchville, Cornwell Heights, Davisville, Eddington, Festerville, Hartsville, Johnsville, Line Lexington, Neshaminy, Southampton, Transville, Trevose, Unionville, Warminister, and Warrington), DELAWARE (North of a line running along State Route 352 to right on State Route 291 to State Line); CHESTER (Includes the towns of Aldham, Anselma, Bacton, Berwyn, Cedar Hollow, Charlestown Chester Springs, Cromby, Devon, Devault, Daylesford, Diamoand Rock, Dutton Mill, Frazer, Goshenville, Howellville,		

Kimberton, Ludwigs Corner, Paoli, Mathews, Perkiomen Junction, Phoenixville, Rapps Corner, Rocky Hill, Strafford, Sugartown, Tanguy, Valley Forge, Valley Store, White Horse, Williams Corner, and Wilsons Corner); MONTGOMERY (Remainder); AND PHILADELPHIA COUNTIES

IRONWORKERS:

Reinforcing Steel Mesh,		
Rebar Work	26.39	12.95

IRON0420G 07/01/1999

	Rates	Fringes
MONTGOMERY COUNTY (Anise, Berguy, Congo, Douglas, East Greenfield, East Limerick, East Slaford, East Zieglerville, Engleville, Fagleysville, Ford, Gilbertsville, Green Lane, Hanover, New Perksionenville, Niato, Palm, Obelish, Pennsburg, Perkiomen, Pottstown, Royerford, Roytown, Sammamansville, Tylerport, Upper Hanover, Upper Pottsgrove, Upper Wodall, West Limerick, West Salford, and West Zieglerville Townships)		

IRONWORKERS:

Projects \$100,000,000 and greater, all work	21.00	12.20
Projects less than \$100,000,000	20.50	12.20

IRON0451D 07/01/1999

	Rates	Fringes
CHESTER (Remainder of County), AND DELAWARE (Remainder of County) COUNTIES		

IRONWORKERS:

Structural, Ornamental, and Reinforcing	23.60	12.25
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LABO0401A 05/01/1999

	Rates	Fringes
LABORERS:		
GROUP 1	19.43	10.47
GROUP 2	19.23	10.47
GROUP 3	19.13	10.47
GROUP 4	19.28	10.47
GROUP 5	19.03	10.47
GROUP 6	19.68	10.47
GROUP 7	19.53	10.47
GROUP 8	19.38	10.47
GROUP 9	19.93	10.47
GROUP 10	13.83	10.47
GROUP 11	19.45	10.47
GROUP 12	22.54	10.47

LABORERS CLASSIFICATIONS

GROUP 1: Multiple wagon drill operator
 GROUP 2: Finished surface asphalt raker; pipelayers; conduit and duct layer; jackhammer operator; paving breaker; experienced pipelayer or caulker (all joints up to within 5 ft of building foundation line)
 GROUP 3: Other pneumatic tool operators; laborers stripping concrete forms, carrying or handling lumber, steel, steel mesh, and other concrete materials; form pinners; tool room men; mortar mixers; concrete pitman & spaders; grademen; asphalt shovelers; setting cut stone, granite or artificial stone; hod carriers;

scaffold builders; all other laborers with the exception of workers in compressed air, relief joints and approach slab; men working in sheeting, pouring concrete, assembling and placing gabians

GROUP 4: Wagon drill operators

GROUP 5: Yard workers: Laborers, sscale mixmen, burnermen, dustmen, feeder

GROUP 6: Free air tunnel: Miner bore driver, blaster, drillers pneumatic shield operator; miners

GROUP 7: Form setters; circular caisson excavation bottom men underpinning excavation bottom men, welders, burner and air tigger

GROUP 8: Trackmen; brakemen; groutmen; bottom shaft men; all others in free air tunnels

GROUP 9: Welders and burners

GROUP 10: Flaggers

GROUP 11: Powderman

GROUP 12: Toxic/hazardous waste handler

LABO0402A 01/01/2000

	Rates	Fringes
LANDSCAPING:		
Landscape Laborers	15.46	10.09+A
Farm Tractor Driver, Hydroseeder Nozzleman, Mulcher Nozzleman	15.86	10.09+A

FOOTNOTE:

A. PAID HOLIDAYS: Independence Day, Labor Day, and Thanksgiving Day

PAIN0021D 05/01/1999

	Rates	Fringes
BUCKS, CHESTER, DELAWARE, PHILADELPHIA COUNTIES AND REMAINDER OF MONTGOMERY COUNTY		
PAINTERS:		
Brush	22.99	10.03
Spray, Steel, Swing	24.24	10.03
Roller	22.99	10.03

PAIN0021H 06/01/1999

	Rates	Fringes
MONTGOMERY COUNTY (Douglas, New Hanover, Pottsgrove, and Pottstown Townships)		
PAINTERS:		
Brush & Roller	18.00	6.30
Spray	19.00	6.30
Steel	19.40	6.30

* PLAS0592A 05/01/2000

	Rates	Fringes
CEMENT MASONS	22.40	13.84

PLUM0420A 05/01/1999

	Rates	Fringes
STEAMFITTERS	29.45	11.81

* PLUM0690H 05/01/2000

	Rates	Fringes

PLUMBERS	30.69	12.55

TEAM0470B 05/01/1999		
	Rates	Fringes
TRUCK DRIVERS:		
GROUP 1	18.60	6.9225+A+B
GROUP 2	18.70	6.9225+A+B
GROUP 3	18.95	6.9225+A+B

FOOTNOTES FOR TRUCK DRIVERS:

- A. PAID VACATION: Employee will earn one vacation day for every two months up to a maximum of five vacation days per calendar year. During each two consecutive months period, employee must have worked twenty-six days in that two month period. After 130 workdays the employee will be entitled to all days of vacation.
- B. PAID HOLIDAYS: Memorial Day, Independence Day, Labor Day and Veterans Day and five personal holidays provided such employee works the scheduled work day before and after said holiday; and employee gives employer one week's notice requesting a personal holiday. The eligibility for personal holiday every two months up to a maximum of five consecutive month period, employee must have worked 26 days in that two month period. After 130 work days the employee will be entitled to all personal holidays.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - Stake body truck (single axle, dumpster)
GROUP 2 - Dump trucks, tandem and batch trucks, semi-trailers, agitator mixer trucks, and dumpcrete type vehicles, asphalt distributors, farm tractor when used for transportation, stake body truck (tandem)
GROUP 3 - Euclid type, off-highway equipment or belly dump trucks and double hitched equipment, staddle (ross) carrier, low-bed trailers

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests

for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

ABSTRACT OF BOTTOM SAMPLES							DATE OF SAMPLING	SAMPLING BY			
LOCATION				DATUM			DENSITY BY				
Marcus Hook Range				Philadelphia District, Mean Low Water 2.401' below NGVD 1929 Adjustment			2 Oct 1997 SHUMAN SURVEYS K.T. McConnell				
NUMBER	STATION	NORMAL DISTANCE	MACHINE SOUNDING	LEAD LINE		HARPOON DEPTH	SAMPLE RETAINED	BOTTLE DEPTH	DENSITY	REMARKS	
				LIGHT	HEAVY						
1HA	120+965	285'W	37.5	37.5	38.2	40.2	Top 1.0'		1234	Mud	
1HB	"	"	"	"	"	"	Mid 1.0'		1280	"	
1HC	"	"	"	"	"	"	Bot 0.7'		1264	"	
2HA	121+990	290'W	33.4	33.5	34.0	36.0	Top 1.0'		1248	Mud	
2HB	"	"	"	"	"	"	Mid 1.0'		1279	"	
2HC	"	"	"	"	"	"	Bot 0.6		1269	"	
3HA	122+920	210'E	39.0	39.1	39.7	41.8	Top 1.0'		1263	Mud	
3HB	"	"	"	"	"	"	Mid 1.0'		1272	"	
3HC	"	"	"	"	"	"	Bot 0.8'		1268	"	
4HA	123+000	295'W	34.7	34.7	35.4	37.7	Top 1.0'		1223	Mud	
4HB	"	"	"	"	"	"	Mid 1.0'		1240	"	
4HC	"	"	"	"	"	"	Bot 1.0'		1223	"	

ABSTRACT OF BOTTOM SAMPLES

DATE OF SAMPLING
23 March 2000

SAMPLING BY
SHUMAN'S Surveys

LOCATION
Delaware River

DATUM
M. L. L. W.

DENSITY BY
Dan Kelly, PE 4/26/00

NUMBER	STATION	NORMAL DISTANCE	MACHINE SOUNDING	LEAD LINE		HARPOON DEPTH	SAMPLE RETAINED	BOTTLE DEPTH	DENSITY	REMARKS
				LIGHT	HEAVY					
1 P	Bulkhead Bar Range 212+000	600'E	45.5	45.5	45.5	45.5				Peterson Dredge Sand & Gravel Dark gry med. to coarse SAND, some dark gry silt, trace of fine gravel
	New Castle Range									
2 P	217+000	±	44.1	44.1	44.1	44.1				Peterson Dredge Rocks Fine to coarse GRAVEL
3 P	221+000	250'W	45.0	45.0	45.0	45.0				Peterson Dredge Sand & Gravel Dark gry med to coarse SAND, some fine to coarse gravel
4HA	230+000	±	45.6	45.6	46.1	47.6	Top. 1.0'		1264	---
4HB	"	"	"	"	"	"	Bot. 1.0'		1378	---
										4HA - Dark gry, very soft clayey SILT, trace of fine sand
										4HB - Dark gry very soft clayey SILT trace of fine sand.

MAINTENANCE DREDGING
*
DELAWARE RIVER, PHILADELPHIA TO THE SEA
PA, NJ & DE

PROJECT TABLE OF CONTENTS

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02880	DREDGING	24

(ONLY DIVISIONS 1 AND 2 USED IN THESE SPECIFICATIONS)

-- End of Project Table of Contents --

b. Floodlights: The Contractor shall install and maintain floodlights to allow the observers to safely monitor the baskets or screening.

*

c. Freezer: The Contractor shall provide sufficient space in a freezer aboard the dredge for storing dead sturgeon or sea turtles or any sturgeon or turtle parts collected during the dredging operations.

3.4.3.3 Special Dredging Operating Requirements

The Contractor shall allow sufficient time between each dredging cycle for the observers for: inspection of the baskets or screens for sturgeon or turtles and/or sturgeon or turtle parts; documentation; and collection and labeling of any dead sturgeon, turtle or sturgeon or turtle parts for freezing. Also, dredging operations shall not begin until the draghead is at the bottom of the channel. Dredging shall not be performed while the draghead is in the water column.

3.5 DISPOSAL OF DEBRIS

All debris resulting from dredging operations shall be removed from the disposal area sites, as directed by the Contracting Officer, and disposed of at the Contractor's expense. Such disposal shall comply with all applicable Federal, state, and local laws. Such materials shall be removed from the disposal area sites before the date of completion of the work under these specifications.

3.6 MAINTENANCE OF POLLUTION, EROSION AND SEDIMENTATION CONTROL FACILITIES DURING CONSTRUCTION

During the life of this contract, the Contractor shall maintain all facilities constructed for pollution, erosion and sedimentation control under this contract as long as the operations creating the particular pollutant are being carried out or until the material concerned has become stabilized to the extent that pollution is no longer being created. During the contract period, the Contractor shall conduct frequent training sessions on environmental protection. The curricula should include methods of detecting and avoiding pollution; familiarity with pollution standards, both statutory and contractual; and installation and care of vegetative covers, plants and other facilities to prevent and correct environmental pollution.

3.7 MEASUREMENT AND PAYMENT

3.7.1 Sea Turtle and Sturgeon Modifications and Whale Monitoring

The work specified in this section for the sea turtle and sturgeon modifications and whale monitoring will not be measured for payment and all costs in connection therewith shall be included in the contract lump sum price for Bid Item No. 4, "Sea Turtle and Sturgeon Modifications and Whale Monitoring".

3.7.2 Environmental Protection

No separate measurement or payment will be made for all other work

SOUTHERN PINE INSPECTION BUREAU (SPIB)

SPIB-01

(1994; Supplements 1 thru 4) Standard
Grading Rules for Southern Pine Lumber

1.4 ORDER OF WORK

The order of work by specific acceptance section will be determined by the Contracting Officer. All dredging under this contract shall be subject to the following seasonal time restrictions:

a. Hopper dredging in the Delaware River, downstream of the Delaware Memorial Bridges (Station 180+300), will be restricted as described in the paragraph entitled "Sea Turtle and Sturgeon Modifications (Hopper Dredging Only)," of specification Section 01430, ENVIRONMENTAL PROTECTION.

b. Bucket dredging in the Delaware River, upstream of the Delaware Memorial Bridges (Station 180+300), will only be permitted from 1 June thru 14 March. This restriction extends northward to the Betsy Ross Bridge. Hopper dredging will only be permitted from 22 June thru 14 April.

1.5 SCHEDULING OF WORK ASSIGNMENTS

1.5.1 General

The Contractor shall be responsible for completing each work assignment within the number of calendar days, computed in accordance with the method specified below, after the date of receipt by him of each successive notice to proceed provided that no work assignment will result in work being performed after the contract completion date stated in Section 00800. For the purpose of these specifications, work assignment is defined as the reach of a specific range(s) which is to be dredged to the dimensions specified herein or shown on the contract drawings to the depth required by the Contracting Officer. Work may be assigned in any, but not necessarily all, of the areas identified in the paragraph herein entitled: "ESTIMATED QUANTITIES."

1.5.2 Plant and Equipment

The Contractor shall keep sufficient dredge plant and equipment capable of performing at the specified production rates for any required dredging on the job site, and shall employ this equipment by continuously dredging from the start of the first work assignment until the completion of the last work assignment except for allowable down time for movement of pipe, etc. In addition, the Government reserves the right to utilize other plant in any of the work assignment areas during the contract period. Any site work required at the Government-furnished disposal areas shall be completed by the Contractor in sufficient time so as not to delay any of the work assignments. Movement of equipment between successively used disposal areas will not be subject to assessment of liquidated damages except as specified under paragraph entitled: "MEASUREMENT AND PAYMENT."

1.5.3 Government-Furnished Information

The Government will provide to the Contractor, the second and subsequent

work assignments not later than ten calendar days before the completion date of the current work assignment. If all data contained in the attached sample work assignment letter is not available at that time, an initial notice of work assignment will be issued. This notice will contain at a minimum, the work assignment commencement date, range, approximate stationing, order of work, 24-hour production rate and disposal area to be used. In such instances the before-dredging soundings, required depth, and acceptance sections will be furnished prior to the scheduled commencement date, with the remaining information to be furnished as soon as possible thereafter. For Marcus Hook Range and New Castle Range work assignments, the completion times and dates provided will be estimated since subsequent before-dredging surveys will be obtained for each acceptance section as specified in paragraph entitled: "MEASUREMENT AND PAYMENT." The scheduled work assignment completion date will be determined by the sum total of pay quantity available within all acceptance sections. If the Contractor projects completion of a work assignment prior to the completion date established by the Government, he shall advise the Contracting Officer as soon as possible so as to expedite issuance of the next work assignment. The actual completion date of each work assignment will be used to determine the commencement date for the next work assignment in order to maintain continuous dredging throughout the contract.

1.5.4 Global Positioning System (GPS) Equipment

The Contractor must have a differential GPS, in accordance with the requirements for a Class 1 Survey, as defined in EM 1110-2-1003. The Contractor shall provide real time positioning on a computer screen during dredging, and have the capability of playback in 15 minute intervals. The position must be recorded on a disk every 15 minutes and submitted to the Contracting Officer on a monthly basis.

1.5.5 Computation of Completion Times

The number of cubic yards, in situ, and the production rates listed below will be used to establish the completion times for the contract areas included under this contract. The production rates are based on a working schedule of seven days per week with one eight hour lay shift per week.

<u>Range</u>	<u>24-Hour Production Rate (C.Y.)</u>
Marcus Hook Range	25,000
Cherry Island Range	15,000
Deepwater Point Range	25,000
New Castle Range	20,000

The completion time in days will be computed by dividing the estimated dredging quantity by the above production rates, rounded to the next highest whole number.

1.6 CHARACTER OF MATERIALS

a. The material to be removed to restore the depth to within the limits called for in the specifications and drawings, is that composing the shoaling that has occurred since the channel was last dredged as noted in the Special Clauses. Information on the type of material to be **removed (abstracts of bottom samples)** can be found in Section 00850 of the specifications. Samples of material are available for inspection at the Fort Mifflin Soils Laboratory, U.S. Army Reservation, Fort Mifflin,

Philadelphia, PA.

b. It is the Government's position that sufficient information has been provided in this contract package to enable the Contractor to establish the type and quantity of material to be removed. However, prior to bidding, the Contractor may, at his discretion and expense, conduct additional investigation to further determine conditions at the site.

1.7 SITE CONDITIONS

Bidders are expected to examine the site of the work, including the disposal areas and decide for themselves as to the conditions affecting their operations. See Contract Clause entitled: "SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK." The entire work site is designated as a hard hat area in accordance with EM 385-1-1.

1.8 FUEL OIL HANDLING

The Contractor shall assure that all fuel oil transfer operations to or from his plant comply with all Federal, state, and municipal laws, codes and regulations. The Contractor shall incorporate in his accident prevention program, submitted in compliance with Contract Clause: "ACCIDENT PREVENTION," sufficient information to demonstrate compliance with 33 CFR 156 and any other applicable laws, codes, and regulations.

1.9 SUBMITTALS

Government approval is required for submittals with a "GA" designation; submittals having an "FIO" designation are for information only. The following shall be submitted in accordance with Section 01300 SUBMITTAL DESCRIPTIONS:

SD-01 Data

Vessel and Equipment List; GA CO

The Contractor shall submit for approval a complete list of all vessels and equipment to be used during the contract, including all dredging plants, supporting vessels, and equipment. The vessel list shall contain the types, the numbers of each, the draft of each, and all other pertinent information.

Real Time Positioning; FIO

The real time positioning of the dredge shall be recorded on a computer disk every 15 minutes and submitted to the Contracting Officer on a monthly basis.

SD-08 Statements

Disposal Area Plan; GA CO

The Contractor shall submit to the Contracting Officer for approval, a plan for usage or modification of the Government-furnished disposal areas and the development of any Contractor-furnished disposal areas. This plan shall

shall conform to U. S. Department of Commerce DOC PS 20. Flash-boards shall be pressure-preservative treated with chromated copper arsenate (water-borne solution) in accordance with AWPA C2 to have a minimum net retention of solid preservative of 2.5 pounds per cubic foot. Strong solution for brush treatment shall be available at the site and all cut surfaces shall be heavily brushed. The Contractor shall provide, prior to commencement of pumping, a sufficient number of flash-boards for the sluices as required for the retention of dredged material under this contract and shall assure that the entire sluice length is effective. Flash-boards shall be 4 inch nominal thickness.

3.4.3 Continuing Effluent Control

Upon completion and acceptance of a work assignment, the Contractor shall provide continuing, intermittent labor to assure that effluent control is continued beyond the completion of dredged discharge into the disposal area. Control, including the removal of flash boards, shall be continued until water impoundment is reduced to that which existed prior to the commencement of disposal into this area. The time required for effluent control beyond completion and acceptance of the work assignment shall not be considered part of the completion time for the contract.

3.4.4 Disposal Area Costs

All costs in connection with the development and maintenance of disposal areas, including all required effluent control and installation and removal of sheeting, shall be included in the contract unit price for removal and satisfactory disposal of material for the Delaware River Channel.

3.5 OVERDEPTH AND SIDE SLOPES

3.5.1 Overdepth

To cover inaccuracies of the dredging process, the following will be estimated and paid for at the applicable contract unit price for the work assignment **area: material** actually removed from within a work assignment area, to a depth of not more than 1 foot below the required depth, limited by a vertical plane through the required depth contour.

3.5.2 Side and End Slopes

No side or end slopes are specified for **this contract**. Computation of payment **quantities will** be to a distance of 25 feet outside the channel limits.

3.6 ESTIMATED QUANTITIES

The total estimated quantity of material necessary to be removed within the specified limits as shown on the drawings, including allowable overdepth and areas outside the channel and anchorage limits as previously specified, is as follows for each of the potential work assignment areas:

<u>Work Assignments</u>	<u>Station to Station</u>	<u>Required to 43 feet (CY)</u>	<u>Allowable Overdepth(1') (CY)</u>	<u>Total Available (CY)</u>
Marcus Hook	117+000 to 129+000	1,125,000	300,000	1,425,000
New Castle	225+000 to 237+000	900,000	350,000	1,250,000
		<u>Required to 42 feet</u>		
Cherry Island	167+000 to 174+000	150,000	50,000	200,000
Deepwater Point	187+000 to 208+000	125,000	25,000	150,000
TOTALS		2,300,000	725,000	3,025,000

*

All depths specified for dredging are referenced to mean lower low water. The Contracting Officer reserves the right to direct, in any of the contract areas, a required dredging depth varying from 35 feet to **45** feet, in increments of one foot, plus an allowable overdepth of 1 foot, when issuing work **assignments**. The Contracting Officer also reserves the right to direct cessation of work under a particular work assignment at any time during the contract period.

3.7 LIMIT OF DREDGING

The areas to be dredged are the channel within the acceptance section specified below and depicted in the sketch of Section 00845, as defined by the dredging prism specified in paragraphs entitled: "OVERDEPTH AND SIDE SLOPES" and "MEASUREMENT AND PAYMENT."

3.7.1 Acceptance Sections:

For the purpose of acceptance, the dredging shall be divided into the following sections:

A maximum length of channel of 3,000 feet, and a maximum of one-half channel width, as set out in the work assignment and in accordance with the arrangement shown in the acceptance section sketch.

3.7.2 Completion of Acceptance Sections

The Contractor is responsible for clearing, to the required depth, each acceptance section in its entirety prior to acceptance of the work by the Government. In any portion of an acceptance section where the before-dredging survey indicates dredging is required, the Contractor is responsible for removing any required material found to be remaining above the required depth by the after-dredging surveys unless such dredging is waived. Material removed as a result of redredging, within the dredging contour, will be paid for at the contract unit price and quantity as determined by the difference between initial before-dredging survey and the final after-dredging survey. In any portion of an acceptance section where the after-dredging surveys indicate dredging is required that was not indicated by the before-dredging surveys, the Contractor shall be responsible for removing such material to the required depth, unless waived by the Contracting Officer. The Contractor will be paid for such work at

the contract unit price and any additional quantity calculation will be made based on the after-dredging surveys, provided the material is not determined by the Contracting Officer to be misplaced material.

3.8 CONTRACTOR QUALITY CONTROL

The Contractor shall prepare and maintain Daily Report of Operations forms, as specified in Paragraph "SUBMITTALS".

3.9 MEASUREMENT AND PAYMENT

3.9.1 Mobilization and Demobilization for Delaware River Dredging

All costs connected with the mobilization and demobilization of all of the Contractor's dredging plant and equipment for dredging of the Delaware River Channel will be paid for at the contract lump sum price for this item. Sixty percent (60%) of the lump sum price will be paid to the Contractor upon completion of his mobilization at the first work assignment area. The remaining forty percent (40%) will be included in the final payment for work under this contract.

3.9.1.1 Cost Data

In the event the Contracting Officer considers that the amount in this item (60%) which represents mobilization, does not bear a reasonable relation to the cost of the work in this contract, the Contracting Officer may require the Contractor to produce cost data to justify this portion of the bid. Failure to justify such price to the satisfaction of the Contracting Officer, will result in payment of actual mobilization costs, as determined by the Contracting Officer at the completion of mobilization, and payment of the remainder of this item in the final payment under this contract. The determination of the Contracting Officer is not subject to appeal.

3.9.1.2 Mobilization and Demobilization Costs

All costs connected with the mobilization and demobilization of the Contractor's dredging plant and equipment as defined below shall be included in the contract lump sum price for Item No. 1, "Mobilization and Demobilization for Delaware River Dredging," as listed in the Bidding Schedule.

a. Mobilization shall include all costs for operations accomplished prior to commencement of actual dredging operations; i.e., transfer of dredge, attendant plant, and equipment to site; initial installation of pipe; preparation of disposal areas including construction of walkways at disposal areas as required; and other incidentals in advance of the actual dredging operations.

b. Demobilization shall include general preparation for transfer of plant to its home or standby base, removal of pipelines, cleanup of disposal areas, and transfer of plant to its home or standby base.

3.9.2 Dredging

The total amount of material removed and to be paid for under the contract, will be measured by the cubic yard in place. Measurement of the number of cubic yards in place will be made by computing the volume between the bottom surface shown by soundings of the last survey made before dredging and the bottom surface shown by the soundings of surveys made as soon as

practicable after the work specified in each contract area has been completed. The volume for measurement will include the material within the limits described in paragraph: "OVERDEPTH AND SIDE SLOPES," less any deductions that may be required for misplaced material described in paragraph: "DISPOSAL OF EXCAVATED MATERIAL." The volume of material removed will be generated using either the average end area method or the triangulated irregular network (TIN) computation, as outlined in EC 1130-2-210. All depths obtained from single beam surveys will be utilized for volume computation purposes. If multi-beam survey methodology is used, a 5-foot-by-5-foot matrix will be generated from the multi-beam data collected to perform the TIN computation. All survey data used for volume computations will be available upon request.

3.9.2.1 Surveys for Acceptance

The Contractor shall notify the Government of his need for acceptance surveys at least three days in advance of the date for each survey (Saturdays, Sundays and holidays are excluded), and shall confirm his need by telephone between 0730 and 0800 hours on the day of each survey by calling O & M Contracts Branch at (Area Code 215) 656-6749. The Contractor shall schedule the before-dredging survey for a work assignment within 2 weeks of the expected start date of dredging operations in that work assignment. Only one before-dredging survey will be provided for a work assignment. The time for any redredging to remove shoals and for second and subsequent surveys in any contract area is the responsibility of the Contractor, and must be accomplished within the completion period established for each work assignment. The Contractor may accompany the survey party to determine whether he at his own election will perform redredging. The Contracting Officer will notify the Contractor if any redredging is required.

3.9.2.2 Determination of Quantities

One before-dredging survey will be made to cover each work assignment in its entirety, except for Marcus Hook Range and New Castle Range which will have a separate before-dredging survey for each acceptance section. After-dredging surveys will be made individually for each acceptance section for all ranges. Before-dredging surveys will be made not more than 15 days before a work assignment is issued. Determination of quantities removed and the deductions made therefrom to determine quantities by place measurement to be paid in the area specified, after having once been made, will not be reopened, except on evidence of collusion, fraud, or obvious error.

3.9.2.3 Hydrographic Surveys

Hydrographic surveys will be conducted to meet requirements for Class 1, Contract Payment Surveys, as outlined in EM 1110-2-1003 and EC 1130-2-210. These surveys will be performed by single transducer sounding techniques, multi-beam sweep surveys, or both. Bottom soundings will be obtained by the single beam survey fathometer operating on a frequency ranging from 194 Khz to 206 Khz. When utilizing multi-beam technology, the operating frequency will range from 180 Khz to 250 Khz. All fathometers will be calibrated following procedures outlined in the aforementioned engineering manual and circular.

3.9.2.4 Partial Payments

Monthly partial payments will be based on acceptance sections completed as determined by soundings or sweepings taken behind the dredge by the

Government survey party.

3.9.2.5 Payment

Payment for **dredging will** be made at the contract unit price for Item No. **3**, "Removal & Satisfactory Disposal **of Material** from Delaware River Channel," as listed in the bidding schedule for the number of cubic yards, measured in place, which are removed and satisfactorily disposed of in approved or Government-furnished disposal areas.

3.9.3 Mobilization and Demobilization Between Work Assignments

Payment will be made at the contract unit price under Item No. **2** as listed in the Bidding Schedule for transfer of plant from a completed to a new work assignment, subject to the same terms and conditions as specified in the paragraph: "Mobilization and Demobilization for Delaware River Dredging" with respect to reasonable relation of the bid price compared to the cost of the work associated with the transfer operations. A range of two to four calendar days will be allowed for transfer of plant, as determined by the Contracting Officer, without assessment of liquidated damages for delay to the work in the amount specified in the Special Clauses. In the event an alternate disposal area is provided by the Contractor and approved, payment for transfer of plant shall be made at the bid price which would be appropriate if the Government-furnished disposal area were used for the work assignment. The mobilization time (two to four days) will be added to the completion date established by prior work assignments to determine the starting date for the next successive work assignment.

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